ANSWER 1 OF 4 REGISTRY COPYRIGHT 2001 ACS L1.126776-85-0 REGISTRY RNTimiron Super Blue (9CI) (CA INDEX NAME) CN MF Unspecified CI MAN SR CA STN Files: CA, CAPLUS, TOXLIT, USPATFULL LC *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 10 REFERENCES IN FILE CA (1967 TO DATE) 10 REFERENCES IN FILE CAPLUS (1967 TO DATE) ANSWER 2 OF 4 REGISTRY COPYRIGHT 2001 ACS L1118442-68-5 REGISTRY RN Timiron Super Violet (9CI) (CA INDEX NAME) CN MF Unspecified CI MAN SR CA STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL LC *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 3 REFERENCES IN FILE CA (1967 TO DATE) 3 REFERENCES IN FILE CAPLUS (1967 TO DATE) ANSWER 3 OF 4 REGISTRY COPYRIGHT 2001 ACS L1 99332-53-3 REGISTRY RN Timiron MP 176 Bluered (9CI) (CA INDEX NAME) CN MF Unspecified CI MAN SR CA STN Files: CA, CAPLUS, TOXLIT LC*** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 1 REFERENCES IN FILE CA (1967 TO DATE) 1 REFERENCES IN FILE CAPLUS (1967 TO DATE) ANSWER 4 OF 4 REGISTRY COPYRIGHT 2001 ACS L199332-52-2 REGISTRY RN Timiron MP 155 Blue (9CI) (CA INDEX NAME) CN MF Unspecified CI MAN SR CA STN Files: CA, CAPLUS, TOXLIT LC *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

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ANSWER 1 OF 9 REGISTRY COPYRIGHT 2001 ACS
    227015-81-8 REGISTRY
RN
CN
     Flamenco Satin Violet 560M (9CI) (CA INDEX NAME)
MF
     Unspecified
CI
    MAN
SR
    CA
                 CA, CAPLUS, TOXLIT
LC
     STN Files:
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               2 REFERENCES IN FILE CA (1967 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1967 TO DATE)
    ANSWER 2 OF 9 REGISTRY COPYRIGHT 2001 ACS
L2
    227015-80-7 REGISTRY
RN
    Flamenco Satin Blue 560M (9CI) (CA INDEX NAME)
CN
     Unspecified
MF
CI
    MAN
    CA
SR
LC
    STN Files:
                 CA, CAPLUS, TOXLIT
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               2 REFERENCES IN FILE CA (1967 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1967 TO DATE)
    ANSWER 3 OF 9 REGISTRY COPYRIGHT 2001 ACS
L2
     227015-74-9 REGISTRY
RN
    Flamenco Blue 620C (9CI) (CA INDEX NAME)
CN
     Unspecified
MF
CI
    MAN
SR
    CA
                 CA, CAPLUS, TOXLIT
    STN Files:
T.C
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
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    ANSWER 4 OF 9 REGISTRY COPYRIGHT 2001 ACS
L2
    227015-73-8 REGISTRY
RN
CN
    Flamenco Violet 520C (9CI) (CA INDEX NAME)
MF
    Unspecified
CI
    MAN
SR
    CA
                  CA, CAPLUS, TOXLIT
LC
    STN Files:
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               2 REFERENCES IN FILE CA (1967 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1967 TO DATE)
    ANSWER 5 OF 9 REGISTRY COPYRIGHT 2001 ACS
L2
     224961-14-2 REGISTRY
RN
    Flamenco Violet (9CI) (CA INDEX NAME)
CN
MF
     Unspecified
    MAN
CI
SR
    CA
                  CA, CAPLUS, TOXLIT
LC
    STN Files:
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               1 REFERENCES IN FILE CA (1967 TO DATE)
               1 REFERENCES IN FILE CAPLUS (1967 TO DATE)
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ANSWER 6 OF 9 REGISTRY COPYRIGHT 2001 ACS
L2
RN
     224961-13-1 REGISTRY
     Flamenco Satin Violet (9CI) (CA INDEX NAME)
CN
MF
     Unspecified
CI
     MAN
SR
     CA
     STN Files: CA, CAPLUS, TOXLIT
LC
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               2 REFERENCES IN FILE CA (1967 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1967 TO DATE)
     ANSWER 7 OF 9 REGISTRY COPYRIGHT 2001 ACS .
L2
     224961-07-3 REGISTRY
RN
     Flamenco Satin Blue (9CI) (CA INDEX NAME)
CN
MF
     Unspecified
CI
     MAN
SR
     CA
     STN Files: CA, CAPLUS, TOXLIT
LC
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               2 REFERENCES IN FILE CA (1967 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1967 TO DATE)
     ANSWER 8 OF 9 REGISTRY COPYRIGHT 2001 ACS
L2
     219484-70-5 REGISTRY
RN
     Flamenco Satin Blue 660M (9CI) (CA INDEX NAME)
CN
ΜF
     Unspecified
CI
     MAN
SR
     CA
     STN Files: CA, CAPLUS, TOXLIT
LC
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               1 REFERENCES IN FILE CA (1967 TO DATE)
               1 REFERENCES IN FILE CAPLUS (1967 TO DATE)
     ANSWER 9 OF 9 REGISTRY COPYRIGHT 2001 ACS
L2
     123424-09-9 REGISTRY
RN
     Flamenco Blue (9CI) (CA INDEX NAME)
CN
MF
     Unspecified
CI
     MAN
SR
     CA
     STN Files: CA, CAPLUS, TOXLIT
LC
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
               2 REFERENCES IN FILE CA (1967 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1967 TO DATE)
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- ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS L3 265333-08-2 REGISTRY RN ChromaFlair Green/Purple 190 (9CI) (CA INDEX NAME) CN Unspecified MF CI MAN SR CA LC STN Files: CA, CAPLUS *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 1 REFERENCES IN FILE CA (1967 TO DATE) 1 REFERENCES IN FILE CAPLUS (1967 TO DATE) L3 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2001 ACS RN 262607-53-4 REGISTRY CN ChromaFlair Purple/Orange 300 (9CI) (CA INDEX NAME) MF Unspecified CI MAN SR CA CA, CAPLUS LCSTN Files: *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 2 REFERENCES IN FILE CA (1967 TO DATE) 2 REFERENCES IN FILE CAPLUS (1967 TO DATE) ANSWER 3 OF 3 REGISTRY COPYRIGHT 2001 ACS L3 244292-40-8 REGISTRY RN CN ChromaFlair Cyan/Purple 230 (9CI) (CA INDEX NAME) MF Unspecified MAN CI SR CA LCSTN Files: CA, CAPLUS
- *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 2 REFERENCES IN FILE CA (1967 TO DATE)
 - 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L20 ANSWER 1 OF 8 USPATFULL

ACCESSION NUMBER:

2001:21746 USPATFULL

Sunscreens having ultraspectral protection TITLE: INVENTOR(S): Kurz, Thekla, Darmstadt, Germany, Federal Republic of

Hitzel, Sabine, Darmstadt, Germany, Federal Republic

of

Wille, Dorothee, Darmstadt, Germany, Federal Republic

PATENT ASSIGNEE(S):

Merck Patent Gesellschaft mit beschrankter Haftung, Germany, Federal Republic of (non-U.S. corporation)

NUMBER DATE -----

PATENT INFORMATION:

US 6187298 20010213 US 2000-562961 20000503 (9)

APPLICATION INFO.:

RELATED APPLN. INFO.:

Continuation of Ser. No. US 1998-131692, filed on 10

Aug 1998, now abandoned

NUMBER DATE ______ PRIORITY INFORMATION: DE 1997-19734582 19970809 DE 1997-19746139 19971018 DE 1997-19750028 19971112 DE 1998-19830531 19980708 Utility

DOCUMENT TYPE:

PRIMARY EXAMINER: Dodson, Shelley A.

LEGAL REPRESENTATIVE:

Millen, White, Zelano & Branigan, P.C.

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

1 LINE COUNT:

22 735

Interference!

```
FILE 'REGISTRY' ENTERED AT 12:25:32 ON 03 MAR 2001
               E TIMIRON/CN
L1
              4 S E9 OR E10 OR E18 OR E27
                E FLAMENCO/CN
L2
              9 S E5 OR E6 OR E8 OR E9 OR E10 OR E19 OR E20 OR E24 OR E25
                E SICOPEARL/CN
                E CHROMAFLAIR/CN
L3
              3 S E4 OR E5 OR E6
     FILE 'USPATFULL, CAPLUS' ENTERED AT 12:29:01 ON 03 MAR 2001
            916 S MICA (3A) COATED (3A) ((TITANIUM (W) (OXIDE OR DIOXIDE)) OR
L4
(-
L5
            159 S TIMIRON OR FLAMENCO
           1042 S L4 OR L5
L6
L7
         228535 S (TITANIUM OR IRON OR CHROME OR CHROMIUM) (W) (DIOXIDE OR
OXID
            941 S (BISMUTH (W) OXYCHLORIDE)
L8
. L9
         112026 S (BORON (W) NITRIDE) OR (BARIUM (W) SULFATE) OR MICA OR
SERICI
          277 S INTERFERENCE (W) PIGMENT
L11
             39 S L10 (P) L6
L12
             39 S L11 AND L7
L13
             6 S L12 AND L8
L14
           3122 S 424/401/NCL OR 424/63/NCL OR 424/69/NSL
L15
           3447 S 424/401/NCL OR 424/63/NCL OR 424/69/NCL
L16
         101875 S COSMETIC OR MAKEUP OR WRINKLES
L17
            85 S L10 AND L16
L18
             10 S L17 AND L11
L19
             2 S L18 AND L8
L20
             8 S L18 NOT L19
```

Set Name		Hit Count	
side by side $DB = USPT; PLUR = YES; OP = OR$ result set			
L23	skin near10 (start begin) near10 aging	1	<u>L23</u>
<u>L22</u>	(start begin) near10 aging near10 wrinkl\$	0	<u>L23</u> L22
<u>L21</u>	(start begin) near10 aging near10 wrinkl\$ near10 women	0	<u>L21</u>
<u>L20</u>	skin near10 (start begin) near10 aging near10 wrinkl\$ near10 women	0	<u>L20</u>
<u>L19</u>	cosmetic and (wrinkle near2 (mask\$)) and pigment\$	9	<u>119</u>
<u></u> L18	cosmetic and (wrinkle near2 (mask\$)) and (compact powder)	13	<u>L18</u>
<u>L17</u>	wrinkle.ti. and cosmetic and (wrinkle near2 (mask\$)) and (compact powder)	1	<u>L17</u>
<u>L16</u>	wrinkle.ti. and cosmetic and (wrinkle near2 (cover\$ hide hiding)) and (compact powder)	2	<u>L16</u>
<u>L15</u>	wrinkle.ti. and cosmetic and anhydrous and (compact powder)	26	<u>L15</u>
<u>L14</u>	wrinkle.ti. and cosmetic and (compact powder)	96	<u>L14</u>
<u>L13</u>	wrinkle.ab. and cosmetic and (compact powder).ab.	1	<u>L13</u>
<u>L12</u>	wrinkle.ab. and cosmetic and (compact powder)	159	<u>L12</u>
<u>L11</u>	(wrinkle hide hiding covering).ab. and ((refractive interference) adj pigment\$) and cosmetic	5	<u>L11</u>
<u>L10</u>	(wrinkle hide hiding covering).ab. and ((refractive interference) adj pigment\$) and cosmetic	5	<u>L10</u>
<u>L9</u>	(wrinkle hide hiding covering) and ((refractive interference) adj pigment\$) and cosmetic	70	<u>L9</u>
<u>L8</u>	(aging aged) and ((refractive interference) adj pigment\$) and cosmetic	8	<u>L8</u>
<u>L7</u>	L6	69	<u>L7</u>
<u>L6</u>	L4 and cosmetic	69	<u>L6</u>
<u>L5</u>	L4 and cosmeti	0	<u>L5</u>
<u>L4</u>	(hiding covering hide coverage) and ((refractive interference) adj pigment\$)	149	<u>L4</u>
<u>L3</u>	4116628.pn.	1	<u>L3</u>
<u>L2</u>	wrinkle and ((refractive interference) adj pigment\$)	13	<u>L2</u>
<u>L1</u>	wrinkle and (refractive interference)	1746	<u>L1</u>

END OF SEARCH HISTORY

=> fil hcaplus

Point of Contoot:

Jan [
Librarian-Figure 2004/003
CM1 1E01 Tel: 308-4498

FILE 'HCAPLUS' ENTERED AT 16:07:56 ON 12 MAR 2001 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1967 - 12 Mar 2001 VOL 134 ISS 12 FILE LAST UPDATED: 9 Mar 2001 (20010309/ED)

yellow iron oxide 2.00, black

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in HCAPLUS on STN.

=> d 1139 all tot

```
L139 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     2001:12220 HCAPLUS
DN
     134:76148
ΤI
     Gel-based cosmetic composition comprising a silicone oil and a
     gelling agent
IN
     Painter, Rachel J.; Cohen, Isaac D.
PA
     Color Access, Inc., USA
SO
     PCT Int. Appl., 17 pp.
     CODEN: PIXXD2
DT
     Patent
     English
LA
IC
     ICM A61K007-48
     ICS A61K007-00; A61K009-70
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
                                          ----
                     ____
                           _____
PI
     WO 2001000154
                     A1
                           20010104
                                          WO 2000-US17098 20000621
            AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
             HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
             LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
             SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
             YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
             CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-344090
                     19990625
     The invention relates to cosmetic compns. comprising an elastic,
     non-rigid, porous support in which a low-viscosity, gellant-contg., single
     phase otherwise unstable cosmetic formulation has been
     incorporated, and a method of making same. A cosmetic gel
     contained red iron oxide 1.00,
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iron oxide 0.20, titanium dioxide
     17.20, polyglyceryl-3 diisostearate 0.50, phenyltrimethicone 64.20,
     polymethyl methacrylate 7.00, lauroyl lysine 3.50,
     dimethicone/cyclomethicone 4.00, and lanosterol 0.40%.
ST
     cosmetic gel gelling agent silicone oil
IT
     Cyclosiloxanes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (di-Me; gel-based cosmetic compn. comprising silicone oil and
        gelling agent)
ΙT
     Fatty acids, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (esters, with dextrin; gel-based cosmetic compn. comprising
        silicone oil and gelling agent)
ΙT
     Rubber, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (foamed; gel-based cosmetic compn. comprising silicone oil
        and gelling agent)
ΙT
     Gelation agents
     Pigments, nonbiological
     Pore size
        (gel-based cosmetic compn. comprising silicone oil and
        gelling agent)
ΙT
     Polymers, biological studies
     Polysiloxanes, biological studies
     Waxes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (gel-based cosmetic compn. comprising silicone oil and
        qelling agent)
IT
     Cosmetics
        (gels; gel-based cosmetic compn. comprising silicone oil and
        gelling agent)
IT
     Sponge (Porifera)
        (natural; gel-based cosmetic compn. comprising silicone oil
        and gelling agent)
IT
     9002-88-4, Polyethylene
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (foamed; gel-based cosmetic compn. comprising silicone oil
        and gelling agent)
IT
     57-88-5, Cholesterol, biological studies
                                                 79-63-0, Lanosterol
     9004-34-6D, Cellulose, derivs.
                                      9004-53-9D, Dextrin, esters with fatty
                                      195868-36-1, Phenyltrimethicone
             9006-65-9, Dimethicone
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (gel-based cosmetic compn. comprising silicone oil and
        gelling agent)
RE.CNT
RE
(1) Anon; PATENT ABSTRACTS OF JAPAN 1991, V15(123), PC-816
(2) Ilya, I; US 5137040 A 1992
(3) Langlois; FR 2455902 A 1980 HCAPLUS
(4) Matsayuki, J; US 4776356 A 1988
(5) The Procter & Gamble Company; WO 9509598 A 1995 HCAPLUS
(6) The Procter & Gamble Company; WO 9815262 A 1998 HCAPLUS
(7) Yoshikawa Seiyu Kk; JP 03006283 A 1991 HCAPLUS
L139 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2001 ACS
AN
     2000:573627
                 HCAPLUS
DN
     133:182755
     Long-wearing cosmetic compositions comprising an acrylic acid
TI
     polymer and an organic pigment
```

IN

Shah, Amit R.

```
PA
     Color Access, Inc., USA
SO
     PCT Int. Appl., 13 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
IC
     ICM A61K007-021
CC
     62-4 (Essential Oils and Cosmetics)
     Section cross-reference(s): 38
FAN.CNT 1
     PATENT NO.
                      KIND
                            DATE
                                           APPLICATION NO.
                                                           DATE
     -----------
                      ____
                            _____
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PΙ
     WO 2000047168
                      A1
                            20000817
                                           WO 2000-US3128
                                                            20000207
            AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
             CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
             IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
             MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
             SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-248524
                      19990209
     The invention relates to long-wearing cosmetic compns.
     comprising an acrylic acid derived polymer or copolymer and at least one
     water sol. org. pigment. The polymer or copolymer can be in the
     form of an emulsion. The compns. are long lasting, water resistant and
     exhibit substantially indelible qualities. Further, the compns. will not
     smear, run or settle in the lines and creases of the skin.
                                                                 These compns.
     are useful as eyeliners, other cosmetic products, or as body
    paints. An acrylic polymer compn. contained water 55.00, ammonium
     acrylate homopolymer 39.00, sodium lauryl ether sulfate 1.25, butylene
     glycol 4.25, methylparaben 0.25, and propylparaben 0.25%. Formulation of
     a long-wearing cosmetic compn. contq. 90% of above polymer
     compn. is disclosed.
ST
     cosmetic acrylic acid polymer org pigment
IT
     Cosmetics
        (eye liners; long-wearing cosmetic compns. comprising acrylic
       acid polymer and org. pigment)
IT
     Cosmetics
     Pigments, nonbiological
        (long-wearing cosmetic compns. comprising acrylic acid
       polymer and org. pigment)
IT
     79-10-7D, Acrylic acid, esters, polymers
                                                79-41-4D, Methacrylic acid,
     esters, polymers
                       1934-21-0, Fd&c yellow no 5
                                                      3844-45-9, Fd&c blue no 1
     4403-90-1, d And c green no. 5 25956-17-6, Fd&c red no 40
                                                                   28214-57-5,
     PolyAmmonium acrylate
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (long-wearing cosmetic compns. comprising acrylic acid
       polymer and org. pigment)
RE.CNT
        2
RE
(1) Procter & Gamble; WO 9818431 A 1998 HCAPLUS
(2) Procter & Gamble; WO 9823251 A 1998 HCAPLUS
L139 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2001 ACS
AN
     2000:573626 HCAPLUS
DN
     133:182754
ΤI
     Cosmetic and pharmaceutical compositions containing crystalline
     color system
IN
    Lahanas, Konstantinos M.; Cioca, Gheorghe
PA
     Color Access, Inc., USA
SO
     PCT Int. Appl., 18 pp.
     CODEN: PIXXD2
DT
     Patent
```

LA

English

```
IC
     ICM A61K007-00
     ICS A61K007-48; A61K047-32
     62-4 (Essential Oils and Cosmetics)
     Section cross-reference(s): 63
FAN.CNT 1
     PATENT NO.
                                           APPLICATION NO.
                      KIND DATE
                                                           DATE
     _____
                           -----
                                           ------
    WO 2000047167
ΡI
                           20000817
                                           WO 2000-US1354 20000119
                      A1
            AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
             CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
             IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
             MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
             SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-246450
                      19990209
     The present invention relates to cosmetic or pharmaceutical
     compns. contg. a coloring system comprising colloidal cryst. arrays in a
             The invention also includes a method for prepg. a
     cosmetic or pharmaceutical compn. by adding colloidal cryst.
     arrays to a medium. The coloring systems produce clear color, esp.
     iridescent color, without adding pigments or dyes. The color is
     long lasting and can be obsd. at any angle of view of the compn. A lig.
     toner with silica colloidal cryst. arrays contained witch hazel 5.00,
     isopropanol 10.0, allantoin 0.10, trehalose 1.00, 1,3-butylene glycol
     5.00, and silica colloidal crystal arrays 25.00%.
ST
     cosmetic pharmaceutical colloidal cryst array color
IT
     Polysiloxanes, biological studies
     RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (alkoxides; cosmetic and pharmaceutical compns. contg. cryst.
        color system)
IT
     Ionic strength
     Particle size
    Pigments, nonbiological
    Surface electric charge
        (cosmetic and pharmaceutical compns. contg. cryst. color
       system)
IT
    Fluoropolymers, biological studies
    Hydroxides (inorganic)
    RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (cosmetic and pharmaceutical compns. contg. cryst. color
       system)
ΙT
    Cosmetics
        (creams; cosmetic and pharmaceutical compns. contg. cryst.
        color system)
ΙT
        (cryst., colloidal; cosmetic and pharmaceutical compns.
        contg. cryst. color system)
ΙT
    Cosmetics
     Drug delivery systems
        (emulsions; cosmetic and pharmaceutical compns. contg. cryst.
       color system)
ΙT
    Cosmetics
     Drug delivery systems
        (foams; cosmetic and pharmaceutical compns. contg. cryst.
       color system)
ΙT
    Cosmetics
    Drug delivery systems
        (lotions; cosmetic and pharmaceutical compns. contg. cryst.
       color system)
ΙT
    Cosmetics
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(mousses; cosmetic and pharmaceutical compns. contg. cryst.

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color system)
IT
     Drug delivery systems
        (ointments, creams; cosmetic and pharmaceutical compns.
        contg. cryst. color system)
IT
     Cosmetics
     Drug delivery systems
        (suspensions; cosmetic and pharmaceutical compns. contg.
        cryst. color system)
IT
     Metal alkoxides
     RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (titanium; cosmetic and pharmaceutical compns. contg. cryst.
        color system)
IT
     151-21-3D, Sodium dodecyl sulfate, polymers
                                                   1321-74-0D, Divinyl benzene,
               2373-38-8D, polymers 7631-86-9, Silica, biological studies
     9003-53-6D, Polystyrene, polymers 9011-14-7D, Polymethylmethacrylate,
                9036-19-5D, Octoxynol, polymers
                                                 26027-38-3D, Nonoxynol,
     polymers
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetic and pharmaceutical compns. contg. cryst. color
IT
     79-41-4, Methacrylic acid, biological studies
                                                     7429-90-5D, Aluminum,
     alkoxides
                 9002-84-0, Ptfe
     RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (cosmetic and pharmaceutical compns. contg. cryst. color
        system)
RE.CNT
        2
RE
(1) Holtz, J; NATURE 1997, V389, P829 HCAPLUS
(2) Univ Pittsburgh; WO 9841859 A 1998 HCAPLUS
L139 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     2000:98261 HCAPLUS
DN
     132:141710
ΤI
     Topical moisture-regulating compositions
IN
     Castro, John R.; Chen, Michell M.; Nazar, Shahan; Pardo, Janet
PA
     Color Access, Inc., USA
SO
     PCT Int. Appl., 18 pp.
     CODEN: PIXXD2
DT
     Patent
     English
LA
     ICM A61K007-48
IC
     62-4 (Essential Oils and Cosmetics)
     Section cross-reference(s): 63
FAN.CNT 1
                                           APPLICATION NO. DATE.
     PATENT NO.
                      KIND
                          DATE
                                           -----
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                      ____
                           -----
     WO 2000006114
                     A1 20000210
                                           WO 1999-US16393 19990720
ΡI
            AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
             DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
             JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
             MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
             TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
             RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
             ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
             CI; CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9950046
                       A1
                            20000221
                                          AU 1999-50046
                                                            19990720
PRAI US 1998-127711
                      19980730
     WO 1999-US16393 19990720
AΒ
     The present invention relates to a cosmetic or pharmaceutical
     compn. for topical application to the skin which comprises a fibrous
     component for promoting the transfer of moisture and oil and the removal
     of unpleasant and unwanted moisture from the skin, esp. the facial skin.
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The fibrous component can include wicking fibers, evapg. fibers, or a
     combination of both. The compns. of the present invention regulate
    moisture and oil when applied to the skin. A foundation contg.
     cetyl dimethicone copolyol 0.5, cyclomethicone 25, trioctanoin 1,
     isostearyl palmitate 1, zinc stearate 2, nylon-12 6, silk powder 0.1,
    pigments 5, tri-Me siloxy silicate 5, dimethicone copolyol 3,
    butylene glycol 7, sodium chloride 1.5, laureth-7 0.3, nylon-6 0.05,
    preservatives 1, and water q.s. to 100 % was prepd.
     cosmetic fiber foundation lipstick moisture regulation
     Polyamide fibers, biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (aramid; cosmetic compns. contg. fibrous components)
    Cosmetics
     Cotton fibers
    Foundations (buildings)
     Silk
    Wool
        (cosmetic compns. contg. fibrous components)
    Acrylic fibers, biological studies
     Fibers
     Polyamide fibers, biological studies
     Polyamides, biological studies
     Polyester fibers, biological studies
     Polypropene fibers, biological studies
    Rayon, biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (cosmetic compns. contg. fibrous components)
     Polyurethanes, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (cosmetic compns. contg. fibrous components and
        polyurethanes)
     Polyolefin fibers
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (ethylene; cosmetic compns. contg. fibrous components)
    Cosmetics
        (lipsticks; cosmetic compns. contg. fibrous components)
     Drug delivery systems
        (topical; topical compns. contg. fibrous components)
                            25038-54-4, Nylon-6, biological studies
     24937-16-4, Nylon-12
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetic compns. contg. fibrous components)
     56275-01-5
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (cosmetic compns. contg. fibrous components and film-forming
        agents)
     557-05-1, Zinc stearate
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (cosmetic compns. contg. fibrous components and metal
        stearates)
RE.CNT
(1) Atlas, M; US 5498407 A 1996 HCAPLUS
(2) IsehanKk; JP 03153613 A 1991 HCAPLUS
(3) Koichi, S; US 5266321 A 1993 HCAPLUS
(4) Macchio, A; US 5234682 A 1993 HCAPLUS
(5) Shiseido Co Ltd; JP 07267827 A 1995 HCAPLUS
(6) Shiseido Co Ltd; JP 07267828 A 1995 HCAPLUS
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ST

ΙT

ΙT

IT

ΙT

ΙT

IT

IT

IT

TT

IT

RE

L139 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2001 ACS

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ΑN
     1999:594888 HCAPLUS
DN
     131:219022
ΤI
     Novel powder compositions containing carboxylated gums and clay complexes
IN
     Lahanas, Konstantinos M.; Keeler, Tracy N.; Toma, Daniela
PA
     Color Access, Inc., USA
SO
     PCT Int. Appl., 18 pp.
     CODEN: PIXXD2
     Patent
DT
LA
     English
IC
     ICM A61K007-035
     ICS A61K007-48
CC
     62-4 (Essential Oils and Cosmetics)
     Section cross-reference(s): 63
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
                      ----
                           -----
                                           -----
     WO 9945895
                            19990916
                                           WO 1999-US5104
ΡI
                       Α1
                                                            19990309
            AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
             KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
             MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
             TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
             ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
             CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     US 6042839
                            20000328
                                           US 1998-36734
                                                            19980309
                       Α
     AU 9930735
                            19990927
                                           AU 1999-30735
                       A1
                                                            19990309
     EP 983038
                       Α1
                            20000308
                                           EP 1999-912342
                                                            19990309
             AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI
     JP 2000513388
                            20001010
                                           JP 1999-545990
                                                            19990309
                       T2
PRAI US 1998-36734
                      19980309
     WO 1999-US5104
                      19990309
AB
     The present invention relates to cosmetic or pharmaceutical
     compns. comprising a powder contg. a water-sol. carboxylated gum and a
     clay crosslinked with metal ions. A powder compn. was prepd. from Phase 1
     comprising water 67 and disodium EDTA 0.05 %; Phase 2 comprising Laponite
     XLS 3.5 %; Phase 3 comprising water 7.75 and Na alginate 0.2 %; Phase 4
     comprising Mearlmaid AA (water/guanine/isopropanol/Me cellulose) 6.5; and
     Phase 5 comprising water 14 and cupric sulfate pentahydrate 1 %. The
     powder compn. was used in formulating a dual-phase cosmetic
ST
     cosmetic powder carboxylated gum clay complex; topical powder
     manuf alginate laponite
IT
     Clays, biological studies
     RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (complexes; powder compns. contg. carboxylated gums and clay complexes
        and pigments)
IT
     Cosmetics
        (dual-phase toners; powder compns. contg. carboxylated gums and clay
        complexes and pigments)
IT
     Gums and Mucilages
     Pearlescent pigments
     Pigments, nonbiological
        (powder compns. contg. carboxylated gums and clay complexes and
     pigments)
IT
     Bentonite, biological studies
     Diatomite
     Fuller's earth
     Kaolin, biological studies
     RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (powder compns. contg. carboxylated gums and clay complexes and
     pigments)
IT
     Drug delivery systems
```

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(powders, topical; powder compns. contg. carboxylated gums and clay
        complexes and pigments)
IT
     1318-93-0, Montmorillonite, biological studies
                                                      9005-32-7, Alginic acid
     9005-38-3, Sodium alginate 12173-47-6, Hectorite
                                                           53320-86-8, Laponite
     227605-22-3, Laponite XLS
     RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (powder compns. contg. carboxylated gums and clay complexes and
      pigments)
RE.CNT
RE.
(1) Boots Co Plc; WO 9307855 A 1993 HCAPLUS
(2) G C Dental Ind Corp; GB 2226039 A 1990 HCAPLUS
(3) Gaunt, J; GB 761757 A 1956
(4) Kao Corp; JP 63130522 A 1988 HCAPLUS
(5) Michel, P; FR 2729568 A 1996 HCAPLUS
(6) Takenaka Komuten Co Ltd; JP 63037156 A 1988 HCAPLUS
L139 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2001 ACS
     1999:311073 HCAPLUS
ΑN
DN
     130:342771
ΤI
    Anhydrous matte cosmetic comprising an organopolysiloxane
     elastomer
TN
     Stepniewski, George J.; Peters, David; Benedicto, Cecilia D.
PA
     Color Access, Inc., USA
     PCT Int. Appl., 20 pp.
SO
     CODEN: PIXXD2
DT
     Patent
LA
    English
IC
     ICM A61K007-02
     ICS A61K007-48
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
    PATENT NO.
                      KIND
                                           APPLICATION NO.
                            DATE
                                                            DATE
PΙ
     WO 9922696
                      A1
                            19990514
                                           WO 1998-US22955 19981029
         W: AU, CA, JP, KR
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
     US 6027738
                       Α
                            20000222
                                           US 1997-962097
                                                             19971031
    AU 9912871
                       Α1
                            19990524
                                           AU 1999-12871
                                                             19981029
     EP 975309
                      A1
                            20000202
                                           EP 1998-956319
                                                            19981029
            AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI
PRAI US 1997-962097
                      19971031
     WO 1998-US22955 19981029
AB
    An anhyd. makeup compn. for topical application to the skin
     comprises (a) a silicone gel, the gel comprising an organopolysiloxane
     elastomer dispersed in a silicone-compatible vehicle, (b) and a
     silicone-oil base. The compns. of the invention produce a matte or
    non-shiny appearance when applied to the skin. A lipstick contained 50%
     organopolysiloxane elastomer in dimethicone 5.0,
     dimethicone/trimethylsiloxysilicate 2.0, (32% trimethylsiloxysilicate)
     2.0, dimethicone 4.0, stearyl dimethicone 1.0, Ph trimethicone 39.0,
     squalane 5.0, jojoba oil 5.0, mica 8.0, dimethicone 8.0, polyethylene 8.5,
     silica 2.5, titanium dioxide 0.8, Iron oxides 0.1, D&C
     Red no 6 1.0, iron oxides 1.1, D&C No 7 calcium lake 9.0%.
ST
     anhyd cosmetic lipstick polysiloxane elastomer
ΙT
     Foundations (cosmetics)
     Lipsticks
     Pigments (nonbiological)
        (anhyd. matte cosmetic comprising organopolysiloxane
        elastomer)
ΙT
     Polysiloxanes, biological studies
     Silicone rubber, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
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(Uses)
        (anhyd. matte cosmetic comprising organopolysiloxane
        elastomer)
                                           195868-36-1, Phenyltrimethicone
     9006-65-9, Dimethicone
                              56275-01-5
IT
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (anhyd. matte cosmetic comprising organopolysiloxane
        elastomer)
RE.CNT
        1 .
RE
(1) Oreal; EP .0790055 A 1997 HCAPLUS
L139 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1996:467116 HCAPLUS
DN
     125:123266
TΤ
     Stable water-in-oil emulsion system containing organopolysiloxane
     elastomer
IN
     Stepniewski, George J.; Konik, Richard A.; Dreher, John D.;
     Cioca, Gheorghe; Cohen, Isaac D.; Phillips, Joan M.; Zecchino, Julius R.
PA
     Estee Lauder, Inc., USA
SO
     PCT Int. Appl., 19 pp.
     CODEN: PIXXD2
DT
     Patent
     English
LA
     ICM A61K007-00
IC
     ICS A61K007-021; A61K007-035; A61K007-42; A61K031-74
CC
     62-4 (Essential Oils and Cosmetics)
FAN. CNT 1
     PATENT NO.
                      KIND
                            DATE
                                           APPLICATION NO.
                                                             DATE
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                       Α1
                            19960620
                                           WO 1995-US11061
PΤ
     WO 9618374
                                                            19950901
        W: AU, CA, CN, JP, KR
         RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
     US 5599533
                            19970204
                                           US 1994-356901
                      Α
                                                             19941215
     CA 2197320
                       AΑ
                            19960620
                                           CA 1995-2197320
                                                            19950901
    AU 9534625
                       A1
                            19960703
                                           AU 1995-34625
                                                             19950901
    AU 706178
                       B2
                            19990610
                                                             19950901
     JP 09511763
                       T2
                            19971125
                                           JP 1995-518740
                            19971229
     EP 813403
                       A1
                                           EP 1995-931039
                                                             19950901
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE
     CN 1169109
                            19971231
                                           CN 1995-196715
                                                             19950901
                      Α
PRAI US 1994-356901
                      19941215
     WO 1995-US11061 19950901
AB
    A stable water-in-oil emulsion system useful in personal care products is
     formed of an oil phase based on or comprising an organopolysiloxane
     elastomer, a vehicle in which the elastomer is dispersed or dispersible
     (e.g. a volatile and/or nonvolatile silicone oil), a stabilizing agent, a
     surfactant, and an aq. component. Such emulsions are easily applied
    without a greasy feel. Thus, to prep. a cosmetic
     foundation, phases (1), (2), and (3) were sep. prepd. by low-shear
    mixing, where phase (1) contained cyclomethicone 16.90,
    octamethylcyclotetrasiloxane 5.00, cyclomethicone/dimethiconol 1.00,
     dimethicone copolyol 1.50, sorbitan sesquioleate 1.50, phenyltrimethicone
     10.00, and dimethicone 10.00, phase (2) contained methicone-coated
     red Fe oxide 0.59, methicone-coated
    yellow Fe oxide 1.22, methicone-coated
    black Fe oxide 0.13, methicone-coated
     TiO2 3.56, and ultrafine methicone-coated TiO2 4.50, and
     phase (3) contained H2O 37.75, butylene glycol 5.00, xanthan gum 0.10,
    MgSO4 1.00, and laureth-7 0.25 wt.%, and the 3 phases were then combined
    with high-shear blending.
     organosiloxane elastomer emulsion cosmetic; siloxane elastomer
ST
     emulsion cosmetic
IT
    Electrolytes
     Stabilizing agents
```

(stable water-in-oil emulsion system contq. organopolysiloxane

```
elastomer for cosmetic use)
ΙT
     Alcohols, biological studies
     Rubber, silicone, biological studies
     Siloxanes and Silicones, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (stable water-in-oil emulsion system contg. organopolysiloxane
        elastomer for cosmetic use)
TΤ
     Cyclosiloxanes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (di-Me, stable water-in-oil emulsion system contg. organopolysiloxane
        elastomer for cosmetic use)
TΨ
     Polyoxyalkylenes, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (di-Me, Me hydrogen siloxane-, stable water-in-oil emulsion system
        contg. organopolysiloxane elastomer for cosmetic use)
IT
     Siloxanes and Silicones, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (di-Me, Me hydrogen, polyoxyalkylene-, stable water-in-oil emulsion
        system contg. organopolysiloxane elastomer for cosmetic use)
IT
     Colloids
        (hydro-, stable water-in-oil emulsion system contg. organopolysiloxane
        elastomer for cosmetic use)
IT
     Alcohols, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (polyhydric, stable water-in-oil emulsion system contg.
        organopolysiloxane elastomer for cosmetic use)
TΤ
     Emulsions
        (water-in-oil, stable water-in-oil emulsion system contg.
        organopolysiloxane elastomer for cosmetic use)
TT
     541-02-6, Decamethylcyclopentasiloxane
                                               556-67-2,
                                    2116-84-9
                                                 7447-40-7, Potassium chloride,
     Octamethylcyclotetrasiloxane
     biological studies
                          7487-88-9, Magnesium sulfate, biological studies
                                                       7757-82-6, Sodium
     7647-14-5, Sodium chloride, biological studies
     sulfate, biological studies
                                   7778-18-9, Calcium sulfate
                                                                 7778-80-5.
                                              7786-30-3, Magnesium chloride,
     Potassium sulfate, biological studies
                          9006-65-9, Dimethicone
     biological studies
                                                    10043-52-4, Calcium
     chloride, biological studies
                                    31692-79-2D, mixt. with cyclomethicone
     145686-34-6, Cetyldimethicone copolyol
                                               158050-37-4
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (stable water-in-oil emulsion system contg. organopolysiloxane
        elastomer for cosmetic use)
=> d 1138 all tot
L138 ANSWER 1 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     2000:841948 HCAPLUS
AN
DN
     134:21304
TI
     Cosmetic compositions containing optical brighteners
IN
     Cohen, Isaac D.
PA
     Color Access, Inc., USA
SO
     PCT Int. Appl., 13 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
IC
     ICM A61K007-00
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
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APPLICATION NO.

DATE

PATENT NO.

KIND DATE

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20001130
                                           WO 2000-US14141 20000523
PΙ
     WO 2000071085
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            AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
             CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
             ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
             LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
             SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW,
             AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
             CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
                      19990526
PRAI US 1999-320153
     The invention relates to cosmetic compns. comprising a
ΑB
     fluorescent-effective amt. of at least one fluorescent brightener, in
     combination with a cosmetically acceptable vehicle. The compns. of the
     invention can be used as color cosmetics and skin treatment
     products, to replenish the skin's natural fluorescent glow.
     foundation contg. an optical brightener, 2,2'-(2,5-
     thiophenediyl)bis[5-(1,1-dimethylbenzoxazole)], was prepd.
ST
     cosmetic optical brightener
ΙT
     Cosmetics
     Fluorescent brighteners
        (cosmetic compns. contg. optical brighteners)
     Kaolin, biological studies
IT
     Zeolites (synthetic), biological studies
     RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);
     BIOL (Biological study); USES (Uses)
        (cosmetic compns. contg. optical brighteners)
IT
     Lecithins
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (kaolin and talc modified with; cosmetic compns. contg.
        optical brighteners)
IT
     7128-64-5, Keyfluor White PL
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (Keyfluor White PL; cosmetic compns. contg. optical
        brighteners)
ΙT
     96-26-4, Dihydroxyacetone 1308-38-9, Chromium oxide (Cr203),
     biological studies 1309-37-1, Red iron
     oxide, biological studies 10101-66-3, Manganese
     violet 12227-89-3, Black iron
     oxide 13463-67-7, Titania, biological studies
     14807-96-6, Talc, biological studies 25869-00-5, Ferric
     ammoniumferrocyanide 51274-00-1, Yellow iron
     oxide 52357-70-7, Brown iron
     oxide 57455-37-5, Ultramarine blue
     RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);
     BIOL (Biological study); USES (Uses)
        (cosmetic compns. contg. optical brighteners)
L138 ANSWER 2 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN
     2000:817452 HCAPLUS
DN
     133:355007
ΤI
     Sunscreen agents containing inorganic powders with optimum
     reflected interference colors
IN
     Ito, Motoaki; Torizuka, Makoto
PA
     Kao Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
IC
     ICM A61K007-42
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO.
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                     A2
                          20001121
                                          JP 1999-131048
                                                           19990512
PΙ
     JP 2000319156
AΒ
    This invention relates to UV screening agents comprising (1)
    powders with reflected interference color of
     orange/yellow or gold and (2) titania particles. The compns. provide
    natural colors upon application. A sunscreen soln. contained
     Timiron Super Gold (titania-coated mica pigment ) 4,
     titania particles (av. diam. 54 nm) 4, ZnO particles (av. diam. 20 nm) 1,
    mica (av. diam. 54 .mu.m) 10, octamethylcyclotetrasiloxane 20,
     dimethylpolysiloxane 10, dimethylpolysiloxane-polyoxyalkylene copolymer 1,
     glycerin 2, ethanol 15, octyl methoxycinnamate 3, perfumes q.s.,
    preservatives q.s., and water to 100 %.
ST
     sunscreen titania mica
IT
     Sunscreens
        (sunscreen agents contg. inorg. powders with optimum
       reflected interference colors)
IT
    Mica-group minerals, biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (sunscreen agents contg. inorg. powders with optimum
       reflected interference colors)
IT
     13463-67-7, Titania, biological studies 130392-53-9,
     Timiron super gold
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (sunscreen agents contg. inorg. powders with optimum
       reflected interference colors)
L138 ANSWER 3 OF 26 HCAPLUS COPYRIGHT 2001 ACS
    2000:773872 HCAPLUS
AN
    133:325506
DN
ΤI
    Eyebrow pencil compositions containing agglomerated pigments
    Nardolillo, Irene; Tabakman, Tatyana Rachel
IN
PA
    Color Access, Inc., USA
    Eur. Pat. Appl., 7 pp.
SO
    CODEN: EPXXDW
DT
    Patent
LA
    English
    ICM A61K007-032
IC
     62-4 (Essential Oils and Cosmetics)
CC
FAN.CNT 1
    PATENT NO.
                  KIND DATE
                                          APPLICATION NO. DATE
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                                                           _____
    EP 1048285 A2 20001102
                                         EP 2000-401150 20000426
PΤ
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO
     JP 2000344628
                           20001212
                                          JP 2000-134319
                                                          20000428
                     A2
PRAI US 1999-303233
                     19990430
                     20000316
     US 2000-526364
AB
     The invention relates to a eyebrow pencil comprising a cosmetic
    base in which is dispersed at least 1 agglomerated pigment in a
    pencil carrier. A wax-based pencil compn. contained brown
     iron oxide 1.00, polyethylene 1.67, pure oxy black 1.00,
     titanium dioxide 1.33, hydrogenated vegetable oil 21.00,
    hydrogenated coco-glycerides 17.00, caprylic/capric triglycerides 9.00,
    beeswax 4.00, hydrogenated lanolin 3.00, dimethicone 1.00, and kaolin
     40.00% by wt.
     eyebrow pencil pigment; iron oxide eyebrow pencil;
ST
     titanium oxide eyebrow pencil
ፐጥ
     Beeswax
     Particle size distribution
     Pigments, nonbiological
        (eyebrow pencil compns. contg. agglomerated pigments)
ΙT
     Oxides (inorganic), biological studies
     Waxes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
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(Uses)
        (eyebrow pencil compns. contg. agglomerated pigments)
ΤΨ
        (eyebrow pencils; eyebrow pencil compns. contg. agglomerated
      pigments)
IT
     Hair preparations
        (growth stimulants; eyebrow pencil compns. contg. agglomerated
IT
     1332-37-2, Iron oxide, biological studies 13463-67-7,
     Titanium oxide, biological studies 52357-70-7,
     Brown Iron oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (eyebrow pencil compns. contg. agglomerated pigments)
L138 ANSWER 4 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     2000:631837 HCAPLUS
AN
DN
     133:227581
ΤI
     Cosmetic powder compositions
    Maruyama, Shuji; Torizuka, Makoto; Ito, Gensho
IN
PA
     Kao Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 4 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
IC
     ICM A61K007-02
     ICS A61K007-021; A61K007-035
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO.
                                                            DATE
                                           -----
PΙ
     JP 2000247835
                     A2
                            20000912
                                           JP 1999-50961
                                                             19990226
AB
     The invention relates to a cosmetic powder compn.
    providing light use feel and natural gloss, wherein the powder
     compn. contains pigment powder, e.g. TiO2,
     ZnO2, iron oxide, and tar dye, and powder having
     specified gloss property, e.g. metal oxide-coated
    powder. A foundation contg. TiO2-coated mica
     (Timiron super silk MP-1005) 10, nylon powder 10,
     TiO2 5, red iron oxide 2,
    yellow iron oxide 4, black
     iron oxide 1, TiO2 fine particle 5,
     talc 52.9, dimethylpolysiloxnae 5, UV-absorber 5, and preservative
     0.1 % was prepd.
ST
     cosmetic powder metal oxide coated particle
ΙT
     Polysiloxanes, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (Me hydrogen, titania-coated mica treated with;
      cosmetic powder compns. providing natural gloss
        contq.)
IT
     Cosmetics
        (foundations; cosmetic powder compns. providing
        natural gloss)
ΙT
     Cosmetics
        (powders; cosmetic powder compns.
        providing natural gloss)
IΤ
     Pigments, nonbiological
        (tar; cosmetic powder compns. providing natural
        gloss contg.)
IT
     1309-37-1, Red iron oxide,
     biological studies 1314-13-2, Zinc oxide,
    biological studies 12227-89-3, Black iron
     oxide 13463-67-7, Titanium oxide,
    biological studies 51274-00-1, Yellow iron
     oxide 230950-39-7, Timiron super silk MP-1005
```

230950-40-0, Flamenco satin pearl 3500

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RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetic powder compns. providing natural gloss
        contg.)
L138 ANSWER 5 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     2000:553386 HCAPLUS
AN
     133:155171
DN
     Cholesterol sulfate compositions for enhancement of stratum corneum
TI
     function
     Maes, Daniel H.; Marenus, Kenneth D.; Fthenakis, Christina G.
IN
PA
     Color Access, Inc., USA
     PCT Int. Appl., 23 pp.
SO
     CODEN: PIXXD2
DT
     Patent
LA
     English
     ICM A61K007-48
IC
     ICS A61K007-42
     62-4 (Essential Oils and Cosmetics)
CC
     Section cross-reference(s): 1
FAN.CNT 1
                      KIND
                             DATE
                                            APPLICATION NO.
     PATENT NO.
                                                              DATE
                             20000810
PΙ
     WO 2000045786
                       A1
                                            WO 2000-US2750
                                                              20000202
             AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
             CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
             MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
             SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     EP 1069883
                             20010124
                                            EP 2000-905946
                                                              20000202
                       Α1
             AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
PRAI US 1999-246607
                       19990208
     WO 2000-US2750
                       20000202
     The present invention provides a method of retarding desquamation of the
AB
     stratum corneum, and maintaining stratum corneum thickness, by applying to
     the skin an effective amt. of cholesterol sulfate. The retardation of
     desquamation can be useful in enhancing the skin's own UV protection, in
     prolonging the retention time of a sunless tan, and generally reducing the
     appearance of lines and wrinkles assocd. with both photo- and chronoaging.
     Effects of 0.5 cholesterol sulfate twice daily on skin flakiness, as an
     indicator of its effect in reducing desquamation, was studied in 21-65 yr
     old subjects. The treated skin showed a 22.5% decrease in flakiness
     relative to baseline after 2 wk, and a 24.1% decrease after 4 wk.
     Formulation of a prepn. contg.0.2% sodium cholesterol sulfate is
     disclosed.
     cholesterol sulfate skin stratum corneum
ST
     Fatty acids, biological studies
IT
     RL: BAC (Biological activity or effector, except adverse); BUU (Biological
     use, unclassified); BIOL (Biological study); USES (Uses)
        (C12-20; cholesterol sulfate compns. for enhancement of stratum corneum
        function)
IT
     Cosmetics
        (antiaging; cholesterol sulfate compns. for enhancement of stratum
        corneum function)
TΤ
     Sunscreens
        (cholesterol sulfate compns. for enhancement of stratum corneum
        function)
ΙT
     Ceramides
     Cerebrosides
     Fatty acids, biological studies
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Sterols

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RL: BAC (Biological activity or effector, except adverse); BUU (Biological
     use, unclassified); BIOL (Biological study); USES (Uses)
        (cholesterol sulfate compns. for enhancement of stratum corneum
        function)
ΙT
     Skin
        (stratum corneum; cholesterol sulfate compns. for enhancement of
        stratum corneum function)
IT
     Cosmetics
        (wrinkle-preventing; cholesterol sulfate compns. for enhancement of
        stratum corneum function)
                                                69-72-7D, derivs.
     57-88-5, Cholesterol, biological studies
TΤ
                                                                    76-22-2.
             79-10-7D, Acrylic acid, di-Ph derivs. 101-05-3D, Triazine,
     derivs.
               119-61-9D, Benzophenone, derivs. 120-46-7D, Dibenzoylmethane,
             150-13-0D, Paba, derivs. 288-32-4D, Imidazole, derivs.
     derivs.
     1256-86-6, Cholesterol sulfate 1314-13-2, Zinc
     oxide, biological studies 1332-37-2, Iron oxide,
     biological studies 2864-50-8, Sodium cholesteryl sulfate
                                                                  4151-45-5D,
     Cinnamate, derivs., biological studies 6217-54-5, Dha 13463-67-7
     , Titanium dioxide, biological studies
     RL: BAC (Biological activity or effector, except adverse); BUU (Biological
     use, unclassified); BIOL (Biological study); USES (Uses)
        (cholesterol sulfate compns. for enhancement of stratum corneum
        function)
RE.CNT
RE
(1) Abe; HCAPLUS
(2) Beiersdorf Ag; DE 19834812 A 2000 HCAPLUS
(3) Bernstein, J; WO 9001323 A 1990 HCAPLUS
(4) Henkel Kgaa; DE 19642872 C 1998 HCAPLUS
(5) Kanebo Ltd Japan; JP 60161911 A 1985 HCAPLUS
(6) Wilden; HCAPLUS
(7) Wilden; FRAGRANCE J 1999, V27(10), P71
L138 ANSWER 6 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN
     2000:441436 HCAPLUS
DN
     133:75386
TI
     Pigment mixtures and their applications
     Pfaff, Gerhard; Schoen, Sabine; Nishimagi, Atsuko
IN
PA
     Merck Patent G.m.b.H., Germany
SO
     Eur. Pat. Appl., 7 pp.
     CODEN: EPXXDW
DT
     Patent
LA
     English
IC
     ICM C09C001-00
     ICS C09D011-02
     42-6 (Coatings, Inks, and Related Products)
     Section cross-reference(s): 37, 62
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
                           20000628
                                           EP 1999-125928
PΙ
     EP 1013724
                     A1
                                                            19991223
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
                                           JP 1999-360804
     JP 2000198944
                      A2
                            20000718
                                                            19991220
                                           CN 1999-126447
     CN 1258700
                       A
                            20000705
PRAI EP 1998-124473
                      19981223
     Pigment mixts. for use in varnishes, paints, printing inks,
     masterbatches, plastics and cosmetic formulations contain
     .gtoreq.2 components, component A being Al2O3 flakes coated with .gtoreq.1
     metal, metal oxide and/or metal
     sulfide and component B being special-effect pigments.
     coated alumina flake pigment mixt; paint pigment mixt; pearl luster
ST
     pigment; cosmetic formulation pigment; intaglio printing ink
     pigment
IT
     Sulfides, uses
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IT

TΤ

TΤ

IT

TT

IT

RE

L138 ANSWER 7 OF 26 HCAPLUS COPYRIGHT 2001 ACS

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RL: MOA (Modifier or additive use); USES (Uses)
        (alumina flakes coated by; pigment mixts. contg. coated alumina flakes
       and special-effect pigments)
    Cosmetics
        (eye shadows; pigment mixts. contq. coated alumina flakes and
       special-effect pigments)
        (intaglio; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
     Silicates, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (phyllo-; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
     Paints
    Pigments, nonbiological
        (pigment mixts. contg. coated alumina flakes and special-effect
       pigments)
    Carbon black, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (pigment mixts. contq. coated alumina flakes and special-effect
       pigments)
    Coating materials
        (powder; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
    Bath preparations
        (shower gel; pigment mixts. contg. coated alumina flakes and
       special-effect pigments)
    Mica-group minerals, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (titania-coated; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
    7429-90-5, Aluminum, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (Chromal IV; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
    1309-37-1, Iron trioxide, uses 13463-67-7, Titania, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (alumina flakes coated by; pigment mixts. contg. coated alumina flakes
       and special-effect pigments)
    7631-86-9, Silica, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (flakes, coated; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
                                       142661-63-0, Iriodin
    126776-85-0, Timiron Super Blue
    121
    RL: MOA (Modifier or additive use); USES (Uses)
        (pigment mixts. contg. coated alumina flakes and special-effect
       pigments)
     9003-53-6, Polystyrene
    RL: POF (Polymer in formulation); USES (Uses)
        (pigment mixts. contg. coated alumina flakes and special-effect
       pigments)
    7782-42-5, Graphite, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (platelets; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
    1344-28-1, Alumina, uses
    RL: MOA (Modifier or additive use); USES (Uses)
        (titania-coated; pigment mixts. contg. coated alumina flakes and
        special-effect pigments)
RE.CNT
(1) Eckart-Werke; DE 19820112 A 1999 HCAPLUS
(2) Merck Patent Gmbh; EP 0763573 A 1997 HCAPLUS
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AN
     2000:401618 HCAPLUS
DN
     133:34320
TΙ
     Compositions with enhanced photoprotective effect and method for using
     Lentini, Peter J.; Dwyer, Rosa M.
IN
PA
     Color Access, Inc., USA
SO
     PCT Int. Appl., 15 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
IC
     ICM A61K007-42
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
                      KIND DATE
                                           APPLICATION NO.
                                                            DATE
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PΙ
     WO 2000033803
                            20000615
                                           WO 1999-US29259
                                                            19991210
                      A1
         W: AU, CA, JP, KR, SG, ZA
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
PRAI US 1998-111775
                      19981210
AΒ
     The present invention relates to a sunscreen compn. for topical
     application to the skin comprising a fluororesin having a submicron
     particle size in combination with a sunscreen agent and an oil component.
     These compns. provide a boost in the SPF value of the compn.
     invention also provides methods relating to the use of these compns. for
     boosting the SPF and decreasing the irritation on the skin caused by
     irritating sunscreen agents. A sunscreen compn. (SPF 15) contg. octyl
     methoxycinnamate 8, PTFE 2.8, and cosmetically effective ingredients to
     100 % was formulated.
     sunscreen fluoresin particle SPF enhancement; PTFE octyl methoxycinnamate
ST
     sunscreen
TT
     Sunscreens
        (sunscreen compns. contg. fluororesin particles for enhanced
        photoprotective effects)
TΤ
     Fluoropolymers, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (sunscreen compns. contg. fluororesin particles for enhanced
        photoprotective effects)
IT
     5466-77-3
                 9002-84-0, Polytetrafluoroethylene 13463-67-7,
     Titanium dioxide, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (sunscreen compns. contg. fluororesin particles for enhanced
        photoprotective effects)
RE.CNT
RE
(1) L'Oreal; EP 0704205 A 1996 HCAPLUS
(2) McCreery, M; US 5607979 A 1997 HCAPLUS
(3) Oshima, K; US 5827507 A 1998 HCAPLUS
(4) Potter, R; US 5622690 A 1997 HCAPLUS
(5) Shamrock Technologies Inc; WO 9846200 A 1998 HCAPLUS
(6) Shiseido Co Ltd; JP 09-263523 A 1997 HCAPLUS
L138 ANSWER 8 OF 26 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     2000:307080 HCAPLUS
DN
     132:313339
ΤI
     Transfer resistant color cosmetic compositions
IN
     Konik, Richard A.; Painter, Rachel J.; Stepniewski, George J.; Davis,
     Suzanne J.
PA
     Color Access, Inc., USA
     U.S., 3 pp., Cont.-in-part of U.S. 5,959,009.
SO
     CODEN: USXXAM
DT
     Patent
LA
     English
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IC

ICM A61K007-00

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NCL
    424401000
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 3
                      KIND DATE
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     PATENT NO.
                                           APPLICATION NO.
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                                                            _____
PΙ
     US 6060072
                       Α
                            20000509
                                           US 1997-985770
                                                            19971205
     US 5959009
                       Α
                            19990928
                                           US 1997-962100
                                                            19971031
     WO 9922710
                       Α1
                            19990514
                                           WO 1998-US22956 19981029
            AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,
             KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
             MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
             TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
             FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
             CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9912872
                            19990524
                                           AU 1999-12872
                       A1
                                                            19981029
                                           EP 1998-956320
     EP 966263
                       Α1
                            19991229
                                                            19981029
            AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI
     JP 2001503070
                       T2
                            20010306
                                           JP 1999-526496
                                                            19981029
PRAI US 1997-962100
                      19971031
     US 1997-985770
                      19971205
     WO 1998-US22956 19981029
AΒ
     The invention relates to transfer-resistant color cosmetic
     compns. comprising a film forming agent, a volatile oil, a
     styrene-ethylene-propylene copolymer as gellant, and optionally, a
ST
     cosmetic waterproof ethylene propylene styrene copolymer
ΙT
     Isoalkanes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (C6-9; transfer-resistant color cosmetic compns. contg.
        styrene-ethylene-propylene copolymer as gellant)
ΙT
     Hydrocarbons, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (C9-12; transfer-resistant color cosmetic compns. contg.
        styrene-ethylene-propylene copolymer as gellant)
IT
        (eye liners; transfer-resistant color cosmetic compns. contq.
        styrene-ethylene-propylene copolymer as gellant)
ΙT
     Gelation agents
     Pigments, nonbiological
        (transfer-resistant color cosmetic compns. contg.
        styrene-ethylene-propylene copolymer as gellant)
ΙT
     Cosmetics
        (water-resistant; transfer-resistant color cosmetic compns.
        contg. styrene-ethylene-propylene copolymer as gellant)
IT
     1332-37-2, Iron oxide, biological studies
                                                 9002-88-4,
     Polyethylene
                    12001-31-9, Quaternium-18 hectorite
                                                          25608-79-1,
     Ethylene-propylene-styrene copolymer
                                            28211-18-9, Eicosene-PVP copolymer
     31807-55-3, Isododecane
                              56275-01-5
                                            157148-07-7
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (transfer-resistant color cosmetic compns. contg.
        styrene-ethylene-propylene copolymer as gellant)
RE.CNT
        12
RE
(1) Anon; EP 497144 B1 1992 HCAPLUS
(2) Anon; WO 9219215 1992 HCAPLUS
(3) Anon; WO 9412190 1994 HCAPLUS
(4) Anon; WO 9417775 1994 HCAPLUS
(5) Anon; JP 09-143029 1997 HCAPLUS
(6) Anon; WO 9729842 1997 HCAPLUS
(7) Anon; WO 9842298 1998 HCAPLUS
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(8) Cashin; US 5756082 1998 HCAPLUS
(9) Da Cunha; US 5356627 1994 HCAPLUS
(10) DesLauriers; US 5221534 1993 HCAPLUS
(11) Dixon; US 5026540 1991 HCAPLUS
(12) Snyder; US 5389363 1995 HCAPLUS
L138 ANSWER 9 OF 26 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     2000:139135 HCAPLUS
DN
     132:198857
TI
     Cosmetic emulsions containing fine titanium
     oxide-coated mica and titanium oxide
     and/or zinc oxide-contg. silicon dispersions
IN
     Ito, Motoaki; Torizuka, Makoto
PA
     Kao Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
    CODEN: JKXXAF
DT
   · Patent
LA
     Japanese
     ICM A61K007-02
IC
     ICS A61K007-00; A61K007-035
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
                      KIND DATE
                                           APPLICATION NO.
     PATENT NO.
                                                           DATE
     _____
                           _____
                                           -----
                                           JP 1998-235777
     JP 2000063238
                      A2
                            20000229
                                                            19980821
PΤ
     The invention relates to a cosmetic emulsion providing improved
AB
     finishing effect while maintaining sufficient UV-shielding effect, wherein
     the cosmetic emulsion contains (1) TiO2-coated
    mica having av. particle size of .ltoreq. 30 .mu.m, and (2) fine
     TiO2 particle and/or fine ZnO particle silicone dispersion. A
     cream foundation contg. ZnO.cntdot.TiO2 silicone dispersion 12,
     perfluoroalkyl phosphate diethanolamine salt-coated sericite 4,
     perfluoroalkyl phosphate diethanolamine salt-treated TiO2-coated
    mica having av. particle size of 18.3 .mu.m 7, and other
     ingredients q.s. to 100 % was prepd.
     cosmetic emulsion sunscreen titanium oxide
ST
    mica
TΤ
     Sunscreens
        (cosmetic emulsions contg. fine titanium
      oxide-coated mica and TiO2 and/or
        ZnO-contg. silicon dispersions)
    Mica-group minerals, biological studies
IT
     Polysiloxanes, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetic emulsions contg. fine titanium
      oxide-coated mica and TiO2 and/or
        ZnO-contg. silicon dispersions)
IT
     Cyclosiloxanes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses).
        (di-Me; cosmetic emulsions contg. fine titanium
      oxide-coated mica and TiO2 and/or
        ZnO-contg. silicon dispersions)
TΤ
     Cosmetics
        (emulsions; cosmetic emulsions contg. fine titanium
      oxide-coated mica and TiO2 and/or
        ZnO-contg. silicon dispersions)
IT
     Cosmetics
        (foundations; cosmetic emulsions contg. fine titanium
      oxide-coated mica and TiO2 and/or
        ZnO-contg. silicon dispersions)
IT
     1314-13-2, Zinc oxide, biological studies
     13463-67-7, Titanium oxide, biological studies
     99332-54-4, Timiron MP 1001 Supersheen
     180390-20-9, Timiron super silk 259796-70-8,
```

```
Flamenco Super Pearl 120C
                                 259796-71-9, Timica Extra Bright 1500
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetic emulsions contg. fine titanium
      oxide-coated mica and TiO2 and/or
        ZnO-contg. silicon dispersions)
     12174-53-7, Sericite
IT
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (perfluoroalkyl phosphate diethanolamine salt-coated; cosmetic
        emulsions contg. fine titanium oxide-coated
      mica and TiO2 and/or ZnO-contg. silicon dispersions)
L138 ANSWER 10 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     2000:79100 HCAPLUS
AN
DN
     132:127467
     Cosmetics containing powders with specific color
TΙ
     difference and pigments with specific optical properties
     Hase, Noboru; Aosaki, Taisuke; Kaneko, Tomomichi; Minami, Koji
IN
PA
    Kao Corp., Japan
     Jpn. Kokai Tokkyo Koho, 11 pp.
SO
    CODEN: JKXXAF
DT
     Patent
    Japanese ·
T.A
IC
     ICM A61K007-00
     ICS A61K007-02
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
                      KIND
                            DATE
                                           APPLICATION NO.
                                                             DATE
     PATENT NO.
PΙ
     JP 2000034203
                       A2
                            20000202
                                           JP 1999-133086
                                                             19990513
PRAI JP 1998-130233
                      19980513
     The cosmetics, which show desirable skin color, contain (A)
    powders showing color difference (.DELTA.E; definition given) 7-40
     and (B) pigments having an inflection point at .gtoreq.600 nm in
     reflection spectra. A powder foundation was prepd. from nylon
    powder 10, Flamenco Satin Orange (.DELTA.E 31.7) 5,
     talc 20, TiO2 10, CaFe2O4 (prepn. given) 1.8,
    yellow iron oxide 2.5, black
     iron oxide 0.1, liq. paraffin 8, beeswax 2, antiseptic,
    perfume, and mica to 100 wt.%.
ST
     cosmetic powder color difference pigment; calcium iron
     oxide pigment cosmetic
IT
     Pigments, nonbiological
        (cosmetics contg. powders with specific color
        difference and pigments with specific optical properties)
IT
     Cosmetics
        (makeups; cosmetics contg. powders with specific
        color difference and pigments with specific optical properties)
IT
     224961-07-3, Flamenco Satin Blue 224961-08-4,
     Flamenco Satin Green 224961-09-5, Flamenco
     Satin Orange 224961-12-0, Flamenco Satin Red
     224961-13-1, Flamenco Satin Violet
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetics contg. powders with specific color
        difference and pigments with specific optical properties)
IT
     11113-52-3P, Calcium iron oxide
                                       12013-33-1P, Calcium iron oxide
     (CaFe204)
     RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL
     (Biological study); PREP (Preparation); USES (Uses)
        (cosmetics contg. powders with specific color
        difference and pigments with specific optical properties)
IT
     1260-17-9, Carminic acid
                               5858-81-1, Japan Red 201
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
```

(supported on alumina; cosmetics contg. powders with specific color difference and pigments with specific optical properties)

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L138 ANSWER 11 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN
     1999:819205 HCAPLUS
DN
     132:54601
TI
    Natural look cosmetic compositions containing silica beads and
     selected pigments
     Painter, Rachel J.; Cohen, Issac D.
IN
PA
    Color Access, Inc., USA
SO
     PCT Int. Appl., 18 pp.
    CODEN: PIXXD2
DT
     Patent
LA
     English
IC
     ICM A61K007-00
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
                                           APPLICATION NO. DATE
     PATENT NO.
                     KIND DATE
     ______
                                           -----
    WO 9966883
                            19991229
                      Α2
                                           WO 1999-US13240 19990610
PΙ
           AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
             DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
             JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
            MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
            TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
            RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
             ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
             CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    US 6117435
                            20000912
                                           US 1998-103989
                                                            19980624
                      Α
    AU 9945621
                      Α1
                            20000110
                                           AU 1999-45621
                                                            19990610
                                          EP 1999-928586
                                                            19990610
    EP 1047371
                      A1
                            20001102
            AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI
PRAI US 1998-103989
                      19980624
    WO 1999-US13240 19990610
AB
    The invention relates to a compn. for topical application to the skin
    comprising: (a) silica beads comprising an inner core of silica, a middle
     layer of metal oxide, and an outer layer of silica;
     (b) at least one interference pigment; and optionally
     (c) at least one non-interference pigment, in a
    cosmetically or pharmaceutically acceptable vehicle. The compns. of the
    invention confer a natural appearance to the skin, also reducing the
    appearance of flaws or defects in the skin without conferring an opaque or
    made-up appearance. A water-in-silicone emulsion contained (1) phase 1
    comprising phenyltrimethicone 10.5, phenyltrimethicone/Quaternium-
    18/hectorite/triethyl citrate 2, BHT 0.1, propylparaben 0.1, iron
    oxide 1.2, and methicone-coated titania 3.8 %; (2) phase 2
    comprising cyclomethicone 10, cyclomethicone/dimethicone copolyol 16, and
     laureth-7 0.5 %; (3) phase 3 contg. multilayered silica beads 7 and
     titania-coated mica 10 %; and (4) phase 4 contg. purified water 36.3,
    phenoxyethanol 0.5, and Mg sulfate 2 %.
ST
    cosmetic makeup multilayered silica bead mica
    Pigments, nonbiological
IT
        (azo, diarylide yellow; natural-look cosmetics contg. silica
       beads and mica and pigments)
IT
        (bromo; natural-look cosmetics contg. silica beads and mica
       and pigments)
IT
    Cosmetics
        (emulsions; natural-look cosmetics contg. silica beads and
       mica and pigments)
IT
    Cosmetics
        (foundations; natural-look cosmetics contq. silica
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beads and mica and pigments)

```
IT
     Pigments, nonbiological
        (lakes; natural-look cosmetics contg. silica beads and mica
        and pigments)
ΙT
     Cosmetics
        (moisturizers; natural-look cosmetics contg. silica beads and
        mica and pigments)
IT
     Pigments, nonbiological
        (natural-look cosmetics contg. silica beads and mica and
      pigments)
TT
     Kaolin, biological studies
     Mica-group minerals, biological studies
     Oxides (inorganic), biological studies
     Polysiloxanes, biological studies
     Zeolites (synthetic), biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (natural-look cosmetics contg. silica beads and mica and
                                 31807-55-3, Isododecane
IT
     9003-27-4, Polyisobutene
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (as oil vehicle; natural-look cosmetics contg. silica beads
        and mica and pigments)
     147-14-8, Phthalocyanine blue 1314-13-2, Zinc
IT
     oxide, biological studies 1328-53-6, Phthalocyanine green
     1332-37-2, Iron oxide, biological studies
                                                  7631-86-9, Silica,
     biological studies 10101-66-3, Manganese
     violet 11118-57-3, Chrome oxide
     13463-67-7, Titania, biological studies 14807-96-6,
     Talc, biological studies 25869-00-5, Ferric
     ammonium ferrocyanide 57455-37-5,
     Ultramarine blue
                         85568-69-0, Pigment orange
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (natural-look cosmetics contg. silica beads and mica and
      pigments)
L138 ANSWER 12 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     1999:764117 HCAPLUS
ΑN
DN
     132:23886
     Interference pigment blends with improved covering power
ΤI
     Vogt, Reiner; Schoen, Sabine; Schul, Norbert; Osterried, Karl; Munz,
IN
     Johann
PA
     Merck Patent G.m.b.H., Germany
SO
     PCT Int. Appl., 17 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     German
TC
     ICM C09C001-00
         C09D005-36; C09D011-02; C08K009-02; A61K007-00
     42-6 (Coatings, Inks, and Related Products)
     Section cross-reference(s): 37, 62
FAN.CNT 1
     PATENT NO.
                       KIND
                             DATE
                                             APPLICATION NO.
                                                               DATE
                                                               19990518
PΙ
     WO 9961529
                             19991202
                                             WO 1999-EP3423
                       A1
             AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
             KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
             MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
             TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
             RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     DE 19823866
                             19991202
                                             DE 1998-19823866 19980528
                        Α1
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AU 9943628
                       Α1
                            19991213
                                           AU 1999-43628
                                                             19990518
PRAI DE 1998-19823866 19980528
    WO 1999-EP3423
                     19990518
    The title mixts., useful in paints, coatings, printing inks, master
AΒ
    batches, plastics and cosmetic formulations, consist of
     .qtoreq.2 constituents, constituent A being SiO2 platelets coated with
     .gtoreq.1 metal oxides and/or metals, and constituent B being glossy
ST
    interference pigment blend improved covering power; effect
    pigment blend improved covering power
ΙT
    Carbon black, uses
    RL: TEM (Technical or engineered material use); USES (Uses)
        (FW 200, pigment; interference pigment blends with improved
        covering power)
IT
     Pigments, nonbiological
        (interference pigment blends with improved covering power)
IT
    Food
    Seed
        (interference pigment blends with improved covering power for
        coloration of)
     Plastics, miscellaneous
IT
    RL: MSC (Miscellaneous)
        (interference pigment blends with improved covering power for
        coloration of)
IT
    Coating materials
    Cosmetics
        (interference pigment blends with improved covering power for
       use in)
IT
    Coating materials
        (powder; interference pigment blends with improved
       covering power for use in)
IT
        (printing; interference pigment blends with improved covering
       power for use in)
TT
    7429-90-5, Aluminum, uses
    RL: TEM (Technical or engineered material use); USES (Uses)
        (Cromal IV, particles; interference pigment blends with
        improved covering power contg. silica flakes coated with)
IΤ
    13463-67-7, Titanium dioxide, uses
    RL: TEM (Technical or engineered material use); USES (Uses)
        (coating on silica platelets; interference pigment blends
       with improved covering power)
TΤ
    7631-86-9, Silica, uses
    RL: TEM (Technical or engineered material use); USES (Uses)
        (flakes, iron oxide-coated; interference pigment blends with
        improved covering power)
    14302-13-7, Monastral Green 6Y 51274-00-1, Cappoxyt Yellow 4214
IΤ
    126776-85-0, Timiron Super Blue 142661-63-0, Iriodin
    121 Rutile Luster Satin
    RL: TEM (Technical or engineered material use); USES (Uses)
        (interference pigment blends with improved covering power)
IT
    14807-96-6, Talc, uses
    RL: TEM (Technical or engineered material use); USES (Uses)
        (interference pigment blends with improved covering power
        contg. interference pigments and)
TT
    1309-37-1, Iron oxide (Fe2O3), uses
    RL: TEM (Technical or engineered material use); USES (Uses)
        (interference pigment blends with improved covering power
        contg. silica flakes coated with)
RE.CNT
RE
(1) BASF AG; EP 0562329 A 1993 HCAPLUS
(2) BASF AG; DE 19614636 A 1997 HCAPLUS
(3) BASF AG; DE 19614637 A 1997 HCAPLUS
(4) Merck Patent GmbH; DE 4240511 A 1994 HCAPLUS
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L138 ANSWER 13 OF 26 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1999:716142 HCAPLUS
DN
     131:341763
TI
     Makeup cosmetics containing spherical powder and
     perfluoroalkyl compound-treated powder
     Nishimura, Hiromutsu; Nakamura, Naoki
IN
PA
     Pola Chemical Industries, Inc., Japan
     Jpn. Kokai Tokkyo Koho, 5 pp.
SO
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
IC
     ICM A61K007-02
     ICS A61K007-00
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
     -----
                      ____
     JP 11310516 A2 19991109 JP 1998-134364
                                                            19980428
ΡI
     The makeup cosmetics, which show defocusing effect based on
AB
     their diffuse reflection property to give natural appearance to skin and
     also cover skin defects, contain (surface-treated) spherical
     powders and powder treated with perfluoroalkyl compds.
     Polymer hollow microbeads 50, TiO2 treated with
     heptadecafluorodecyltrimethoxysilane (I) and baked at 200.degree. 20,
     red Fe oxide treated with I and baked at
     200.degree. 1, yellow Fe oxide treated with
     I and baked at 200.degree. 8, talc treated with I and baked at
     200.degree. 11, dimethicone 8, and triglycerin diisostearate 2 parts were
     mixed to give a foundation.
ST
     makeup cosmetic powder perfluoroalkyl compd coating
     defocusing effect; titania coating fluorodecylmethoxysilane defocusing
     effect makeup cosmetic
     Silsesquioxanes
IT
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (Me, Tospearl 120A; makeup cosmetics contg. spherical
      powder and perfluoroalkyl compd.-coated powder with
        defocusing effect)
ΙT
     Cosmetics
        (foundations; makeup cosmetics contg. spherical
      powder and perfluoroalkyl compd.-coated powder with
        defocusing effect)
IT
     Silicates, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (insol., spherical powder; makeup cosmetics contg.
        spherical powder and perfluoroalkyl compd.-coated
     powder with defocusing effect)
IT
     Cosmetics
        (makeup cosmetics contg. spherical powder and
        perfluoroalkyl compd.-coated powder with defocusing effect)
IT
     Cosmetics
        (makeups; makeup cosmetics contg. spherical powder
        and perfluoroalkyl compd.-coated powder with defocusing
        effect)
IT
     Balloons
     Microspheres
        (microballoons; makeup cosmetics contg. spherical
      powder and perfluoroalkyl compd.-coated powder with
        defocusing effect)
IT
     Acrylic polymers, biological studies
     Polyamides, biological studies
     Polysiloxanes, biological studies
     Silica gel, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
```

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(spherical powder; makeup cosmetics contg.
        spherical powder and perfluoroalkyl compd.-coated
     powder with defocusing effect)
IT
     1309-37-1, Iron oxide (Fe2O3), biological studies
     12174-53-7, Sericite 13463-67-7, Titania,
    biological studies 14807-96-6, Talc, biological
     studies 51274-00-1, Yellow iron
                          131651-58-6, Pentafluorotrimethoxybutylsilane
             83048-65-1
                                     249577-07-9,
     224961-12-0, Flamenco Satin Red
     Trimethoxytridecafluorooctadecylsilane
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (makeup cosmetics contg. spherical powder and
       perfluoroalkyl compd.-coated powder with defocusing effect)
ΙT
     7631-86-9, Silica, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (silica-doped titania-silica, spherical powder; makeup
      cosmetics contg. spherical powder and perfluoroalkyl
        compd.-coated powder with defocusing effect)
IT
     1344-95-2, Calcium silicate
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (spherical powder; makeup cosmetics contg.
        spherical powder and perfluoroalkyl compd.-coated
     powder with defocusing effect)
L138 ANSWER 14 OF 26 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1999:715040 HCAPLUS
DN
     131:341762
ΤI
    Cosmetics containing highly-viscous oils and powder
     treated with perfluoroalkyl compounds
IN
    Nishimura, Hiromutsu; Nakamura, Naoki
PA
     Pola Chemical Industries, Inc., Japan
     Jpn. Kokai Tokkyo Koho, 7 pp.
SO
     CODEN: JKXXAF
DT
     Patent
T.A
     Japanese
TC
     ICM A61K007-02
     ICS A61K007-035
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
    PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
                                           _____
                            19991109
PΙ
     JP 11310517
                      A2
                                           JP 1998-134442
                                                            19980428
    The cosmetics, which show high water- and oil-repellency and
AB
    have long-lasting makeup effect, contain highly-viscous oils and
    powder treated with perfluoroalkyl compds. The highly-viscous
     oils may be (a) esters of C12-30 branched fatty acids and/or unsatd.
     (hydroxy) fatty acids with propylene glycol, glycerin, neopentyl glycol,
     dipropylene glycol, polyglycerin, C12-30 branched or unsatd. alcs. and/or
     (b) highly-viscous silicones. Polymer hollow microbeads 49, Japan Red 226
     0.1, lithium cobalt titanate 0.1, metal-doped TiO2 0.8,
     TiO2 treated with heptadecafluorodecyltrimethoxysilane (I) and
    baked at 200.degree. 20, red Fe oxide
     treated with I and baked at 200.degree. 1, yellow Fe
     oxide treated with I and baked at 200.degree. 8, talc
     treated with I and baked at 200.degree. 11, dimethicone (20 cSt) 8, and
     glyceryl triisostearate 2 parts were mixed to give a foundation.
    makeup cosmetic highly viscous oil perfluoro compd coated
    powder; titania fluorodecylmethoxysilane coated highly viscous
    glyceryl triisostearate makeup cosmetic
IT
     Cosmetics
     Iridescent materials
        (long-lasting makeup cosmetics contg. highly-viscous oils and
     powder treated with perfluoroalkyl compds.)
```

```
IT
     Castor oil
     Jojoba oil
     Polysiloxanes, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (long-lasting makeup cosmetics contg. highly-viscous oils and
      powder treated with perfluoroalkyl compds.)
IT
     Cosmetics
        (makeups; long-lasting makeup cosmetics contg. highly-viscous
        oils and powder treated with perfluoroalkyl compds.)
ΙT
     1309-37-1, Iron oxide (Fe2O3), biological studies 9005-12-3,
     Methylphenylsilanediol homopolymer, sru 9006-65-9, Dimethicone
     9016-00-6, Dimethylsilanediol homopolymer, sru 11094-60-3, Decaglycerin
     decaoleate 12174-53-7, Sericite 13463-67-7,
     Titania, biological studies 14807-96-6, Talc,
                         17673-49-3, Oleic acid octadecyl ester
     biological studies
                                                                    26942-95-0,
     Glyceryl triisostearate 31230-04-3, Methylphenylsilanediol homopolymer
     31900-57-9, Dimethylsilanediol homopolymer 51274-00-1,
                         66082-42-6, Triglyceryl
     Yellow iron oxide
                                                           68958-54-3, Propylene
                     68958-48-5, Glyceryl diisostearate
     diisostearate
     glycol diisostearate 81752-33-2, Diglyceryl monoisostearate 83048-65-1
     83689-44-5, Diglyceryl tetraoleate
                                           93803-88-4, Isostearic acid octadecyl
             95461-48-6, Decaglycerin decaisostearate
                                                         131651-58-6,
     Pentafluorotrimethoxybutylsilane 224961-12-0, Flamenco
                249577-07-9, Trimethoxytridecafluorooctadecylsilane
     Satin Red
     249579-12-2, Dipropylene glycol dioleate
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (long-lasting makeup cosmetics contg. highly-viscous oils and
      powder treated with perfluoroalkyl compds.)
L138 ANSWER 15 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN
     1999:420847 HCAPLUS
DN
     131:106609
TI
     Cosmetic powder showing high reflectivity
IN
     Ito, Motoaki; Torizuka, Makoto
PA
     Kao Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
IC
     ICM A61K007-00
     ICS A61K007-00; A61K007-02
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                      KIND
                            DATE
                                            APPLICATION NO. DATE
                                            -----
                      A2
                            19990706
PΙ
     JP 11180817
                                            JP 1997-354737
                                                             19971224
AB
     The powder, which gives natural brightness and elasticity to
     skin, shows the following phys. property: when the powder is
     uniformly spread over a flat material and the glossiness is measured by a
     glossmeter, RO/RO' is 6.0-9.0 and R35/R35' is .gtoreq.3.5, where RO is
     glossiness of a reflected light component measured at angle of incidence
     55.degree, and angle of detection -55.degree., R35 is glossiness of a
     reflected light component measured at angle of incidence 75.degree. and
     angle of detection -35. degree., and R0' and R35' are those of a BaSO4 std. white plate, resp. The powder may be hydrophobized. The
     powder may be coated with metal oxide particles. A pressed
     powder was prepd. from Timiron super silk MP 1005 (
     TiO2-coated mica) 10.0, red Fe
     oxide 0.4, yellow Fe oxide 0.5,
     black Fe oxide 0.1, Mg stearate 5.0, octyl
     methoxycinnamate 1.0, perfume, antiseptic, and talc balance.
ST
     cosmetic powder glossiness control; brightness
     elasticity skin cosmetic powder
IT
     Cosmetics
```

```
(glossiness-controlled cosmetic powder giving
        natural brightness and elasticity to skin)
ΙT
     Mica-group minerals, biological studies
     RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
     study); USES (Uses)
        (glossiness-controlled cosmetic powder giving
        natural brightness and elasticity to skin)
IT
     Cosmetics
        (powders; glossiness-controlled cosmetic
     powder giving natural brightness and elasticity to skin)
IT
     Mica-group minerals, biological studies
     RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
     study); USES (Uses)
        (titanium, perfluoroalkyl phosphate diethanolamine salts-coated;
        glossiness-controlled cosmetic powder giving
        natural brightness and elasticity to skin)
IT
     230950-39-7, Timiron Super Silk MP 1005
     230950-40-0, Flamenco Satin Pearl 3500
     RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
     study); USES (Uses)
        (glossiness-controlled cosmetic powder giving
        natural brightness and elasticity to skin)
ΙT
     7664-38-2D, Phosphoric acid, perfluoroalkyl esters, diethanolamine salts
     RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
     study); USES (Uses)
        (hydrophobic coating with; glossiness-controlled cosmetic
     powder giving natural brightness and elasticity to skin)
ΙT
     1309-37-1, Iron oxide (Fe2O3); biological studies
     12174-53-7, Sericite 12227-89-3, Black
     iron oxide 13463-67-7, Titania, biological
     studies 51274-00-1, Yellow iron
     oxide
     RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
     study); USES (Uses)
        (perfluoroalkyl phosphate diethanolamine salts-coated;
        glossiness-controlled cosmetic powder giving
        natural brightness and elasticity to skin)
L138 ANSWER 16 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN
     1999:330309 HCAPLUS
DN
     131:49203
ΤI
     Metal oxide-coated micas for cosmetic makeups
     Kaneko, Tomomichi; Hase, Noboru; Minami, Koji
IN
PA
     Kao Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 9 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
IC
     ICM A61K007-00
     ICS A61K007-00
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
                      KIND DATE
                                           APPLICATION NO. DATE
     PATENT NO.
                                           ------
                       A2
                            19990525
                                                            19971112
PΙ
     JP 11139929
                                           JP 1997-310337
     Skin-color improving agents for makeups comprise powders with
AB
     specified CIE color coordinate values. More specifically, the
     powders are micas coated with granular metal oxides,
     such as titania, iron oxide, and its mixt. The powders have
     blue-purple range reflected interference color. A foundation
     powder contained nylon powder 10, violet pearly
     substance (Flamenco Satin Violet 560M) 10, talc 20,
     titania 10, red iron oxide 0.8,
     yellow iron oxide 2.5, black
     iron oxide 0.1, paraffin oils 8, beeswax 2,
     preservatives q.s, perfumes q.s, and mica q.s. to 100 %.
```

```
ST
     cosmetic makeup metal oxide coated mica
ΙT
        (foundations, powders; metal oxide-coated micas for
      cosmetic makeups)
ΙT
     Cosmetics
        (foundations, solids; metal oxide-coated micas for
      cosmetic makeups)
IT
     Pearlescent pigments
        (metal oxide-coated micas for cosmetic makeups)
     Mica-group minerals, biological studies
IT
     Oxides (inorganic), biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (metal oxide-coated micas for cosmetic makeups)
ΙT
     1309-37-1, Iron oxide (Fe2O3), biological studies
     12227-89-3, Black iron oxide
     13463-67-7, Titania, biological studies 51274-00-1,
     Yellow iron oxide 126776-85-0,
     Timiron Super Blue 219484-67-0, Flamenco Satin
     Gold 260M 227015-73-8, Flamenco Violet 520C
     227015-74-9, Flamenco Blue 620C 227015-80-7,
     Flamenco Satin Blue 560M 227015-81-8, Flamenco
     Satin Violet 560M
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (metal oxide-coated micas for cosmetic makeups)
L138 ANSWER 17 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN
     1999:311084 HCAPLUS
DN
     130:342774
     Transfer-resistant color cosmetic compositions
ΤI
     Konik, Richard A.; Painter, Rachel J.; Stepniewski, George J.; Davis,
IN
     Suzanne J.
PΑ
     Color Access, Inc., USA
so
     PCT Int. Appl., 16 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
IC
     ICM A61K007-48
     ICS A61K007-032; A61K007-027; A61K007-02; A61K007-025
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 3
                      KIND
                            DATE
                                           APPLICATION NO.
                                                             DATE
     PATENT NO.
     ______
                            19990514
                                           WO 1998-US22956
                                                             19981029
     WO 9922710
                       Α1
PΙ
         W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,
             KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
             MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
             TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
                                                                          ΤМ
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
                                                                          ES,
             FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
             CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
                                            US 1997-962100
                                                             19971031
     US 5959009
                            19990928
                       Α
                            20000509
                                            US 1997-985770
                                                             19971205
     US 6060072
                       Α
                            19990524
                                            AU 1999-12872
                                                             19981029
     AU 9912872
                       A1
                            19991229
                                            EP 1998-956320
                                                             19981029
                       Α1
     EP 966263
             AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI
                                            JP 1999-526496
                                                             19981029
     JP 2001503070
                       T2
                            20010306
                      19971031
PRAI US 1997-962100
     US 1997-985770
                      19971205
     WO 1998-US22956 19981029
     The invention relates to a transfer-resistant color cosmetic
AB
     compn. comprising a film forming agent, a volatile oil, a
     styrene-ethylene-propylene copolymer as a gellant, and optionally, a
```

ST

IT

IT

IT

IT

IT

IT

IT

IT

RE

(8) Richard; US 5026540 A 1991 HCAPLUS

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pigment. A cosmetic compn contg. C8-9 isoparaffin
     64.85, styrene-ethylene-propylene copolymer 5, trimethylsiloxysilicate 5,
     PVP/eicosene copolymer 5, tricontanyl PVP 5, polyethylene 5,
     isododecane/quaternium-18 hectorite 0.1, BHT 0.1 %, and iron
     oxides/methicone q.s. was formulated.
     cosmetic waterproof styrene ethylene propylene copolymer
     Hydrocarbons, biological studies
     Isoalkanes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (C8-20; waterproof cosmetic compns. contg.
        styrene-ethylene-propylene copolymer gellants and film-forming agents
        and volatile oils)
     Isoalkanes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (C8-9; waterproof cosmetic compns. contg.
        styrene-ethylene-propylene copolymer gellants and film-forming agents
        and volatile oils)
    Waxes
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (antural; waterproof cosmetic compns. contg.
        styrene-ethylene-propylene copolymer gellants and film-forming agents
        and volatile oils)
    Oxides (inorganic), biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (pigment; waterproof cosmetic compns. contg.
        styrene-ethylene-propylene copolymer gellants and film-forming agents
       and volatile oils)
    Cosmetics
        (waterproof cosmetic compns. contg. styrene-ethylene-
       propylene copolymer gellants and film-forming agents and volatile oils)
    Essential oils
    Polysiloxanes, biological studies
    Shellac
    Terpene polymers
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (waterproof cosmetic compns. contg. styrene-ethylene-
       propylene copolymer gellants and film-forming agents and volatile oils)
     1332-37-2, Iron oxide, biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (pigment; waterproof cosmetic compns. contg.
        styrene-ethylene-propylene copolymer gellants and film-forming agents
        and volatile oils)
     9002-88-4, Polyethylene
                               9006-65-9, Dimethicone
                                                        24937-78-8, Ethylene
                               25608-79-1, Ethylene-propylene-styrene copolymer
     vinyl acetate copolymer
                                          31807-55-3, Isododecane
     28211-18-9, Eicosene-PVP copolymer
                                                                    56275-01-5
    157148-07-7, PVP-tricontanyl copolymer
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (waterproof cosmetic compns. contg. styrene-ethylene-
       propylene copolymer gellants and film-forming agents and volatile oils)
RE.CNT
(1) Avon Prod Inc; WO 9842298 A 1998 HCAPLUS
(2) Estee Lauder Inc; EP 0497144 A 1992 HCAPLUS
(3) Estee Lauder Inc; WO 9417775 A 1994 HCAPLUS
(4) Florence, S; US 5389363 A 1995 HCAPLUS
(5) Pennzoil Prod Co; WO 9412190 A 1994 HCAPLUS
(6) Pennzoil Prod Co; WO 9729842 A 1997 HCAPLUS
(7) Procter & Gamble; WO 9219215 A 1992 HCAPLUS
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L138 ANSWER 18 OF 26 HCAPLUS COPYRIGHT 2001 ACS
 AN
      1999:271022 HCAPLUS
 DN
      130:356906
 ΤI
      Cosmetics
 ΙN
      Kikuta, Yuko; Hase, Noboru; Fukuda, Keiichi
 PA
      Kao Corp., Japan
 SO
      Jpn. Kokai Tokkyo Koho, 14 pp.
      CODEN: JKXXAF
 DΨ
      Patent
      Japanese
 LA
      ICM A61K007-02
 TC
      ICS A61K007-02; A61K007-00; A61K007-031; A61K007-032; A61K007-035
 CC
      62-4 (Essential Oils and Cosmetics)
 FAN.CNT 1
      PATENT NO.
                       KIND DATE
                                            APPLICATION NO. DATE
      -----
                            -----
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                                            -----
                            19990427 JP 1997-274572 19971007
      JP 11116441 A2
 PΙ
 AB
      Cosmetics showing transparency and changeable color tone
      comprise [a] 0.1-80 wt.% powders having specified phys.
      properties [ e.g. angle of incidence = 45.degree. when powders
      are painted on the surface of a synthetic black leather] and [b] 0.05-50
      wt.% spherical compd. powders contg. titania or zinc
      oxide in the inner layer and zirconia or aluminum oxide-contg.
      resins or silica in the outer layer. A cosmetic rouge contained
      silicone-coated mica 20, hydrophobic red pearly agents 20,
      spherical compd. powders 10, silicone-coated talc 5,
      silicone-coated titania 3, silicone-coated zinc stearate 1, rice starch
      0.5, colorants 10, liq. paraffin 5, preservatives and perfumes to 100
      wt.%.
 ST
      cosmetic rouge spherical compd powder
 ΙT
      Makeups
         (rouges; skin cosmetics)
 ΙT
      Cosmetics
      Eye shadows
      Foundations (cosmetics)
      Powders (cosmetics)
         (skin cosmetics)
 IΤ
      Polymers, biological studies
      RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
      chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
         (skin cosmetics)
. TT
      1314-13-2, Zinc oxide, biological studies
      1314-23-4, Zirconia, biological studies 1344-28-1, Aluminum oxide,
      biological studies 7631-86-9, Silica, biological studies
      13463-67-7, Titania, biological studies 98227-27-1, Duochrome BR
      118442-68-5, Timiron super violet 123424-09-9,
      Flamenco blue 126776-85-0, Timiron super blue
      130392-54-0, Timiron super green 130392-55-1,
                         224961-04-0, Duochrome YG 224961-07-3
      Timiron super red
      , Flamenco Satin Blue 224961-08-4, Flamenco
      Satin Green 224961-09-5, Flamenco Satin Orange
      224961-12-0, Flamenco Satin Red 224961-13-1,
      Flamenco Satin Violet 224961-14-2, Flamenco
      Violet 224961-33-5, Timiron Super Copper
      RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
      chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
         (skin cosmetics)
 L138 ANSWER 19 OF 26 HCAPLUS COPYRIGHT 2001 ACS
      1999:156323 HCAPLUS
 AN
 DN
      130:213469
 TI
      Sunscreen agent showing ultra-spectral protection
 IN
      Kurz, Tekla; Wille, Dorothee; Driller, Hansjuergen; Hitzel, Sabine
      Merck Patent G.m.b.H., Germany
 PΑ
 SO
      Eur. Pat. Appl., 14 pp.
```

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CODEN: EPXXDW
DΤ
     Patent
LA
     German
     ICM A61K007-42
IC
     ICS C09C001-00
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
                                           APPLICATION NO.
     PATENT NO.
                      KIND DATE
                                                           DATE
                                           -----
     _____
                      ____
                           -----
                           19990303
                                           EP 1998-114388
                                                            19980731
     EP 898955
                      A2
PΙ
           AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
                                           JP 1998-223832
                                                            19980807
                      A2
                            19990427
     JP 11116456
                                           US 2000-562961
                            20010213
                                                            20000503
    US 6187298
                       В1
PRAI DE 1997-19734582 19970809
     DE 1997-19746139 19971018
     DE 1997-19750028 19971112
     DE 1998-19830531 19980708
    US 1998-131692
                      19980810
     Sunscreens which provide protection against the visible and IR
AB
    regions of the spectrum are provided. Those active in the visible region
     contain reflecting and/or absorbing pigments, dyes, and fillers, pearly
    pigments, and golden, red, orange, copper, or skin-colored
     interference pigments (e.g. scaly or ground mica coated
    with SnO2 and/or TiO2, diam. .ltoreq.15 .mu.m). Those effective
     at IR wavelengths are interference pigments which are white in
    bulk and have yellow, copper, or skin-colored interference
    colors, comprising scaly or ground mica coated with TiO2
     to varying thicknesses, optionally doped with Fe or Ce (diam. 5-25 .mu.m),
    with a rutile or anatase structure. The sunscreens may also
     contain UV-filtering substances. Thus, a lipid phase contg. Eusolex 9020
     1.00, Eusolex OCR 3.00, Arlatone 983 S 1.50, Arlatone 985 2.20, Brij 76
     1.50, and Miglyol 812 9.50 was combined with an aq. phase contg. Eusolex
    VIS 5.00, liq. sorbitol F 2.50, 1,2-propanediol 2.50, preservative,
     Carbomer 934 0.50, Tris 0.36, and demineralized water to 100.00 wt.% at
     75.degree. and cooled to produce a sunscreen prepn.
ST
     sunscreen visible IR filter; interference pigment
     sunscreen visible IR; mica inorg pigment
     sunscreen
IT
     Sunscreens
        (gels; sunscreen agent showing ultra-spectral protection)
IT
     Optical films
        (interference; sunscreen agent showing
       ultra-spectral protection)
ΙT
     Fillers
        (light-absorbing and -reflecting; sunscreen agent showing
       ultra-spectral protection)
IT
     Optical filters
        (near-IR; sunscreen agent showing ultra-spectral protection)
TΤ
     Coatings
        (of inorg. oxides on mica crystals and powders;
      sunscreen agent showing ultra-spectral protection)
IT
     Films
        (reflective; sunscreen agent showing ultra-spectral
       protection)
IT
     Sunscreens
        (sticks; sunscreen agent showing ultra-spectral protection)
IT
     Dyes
    Mica powders
     Optical filters
     Optical interference filters
    Optical reflectors
     Pearlescent pigments
     Pigments (nonbiological)
     Sunscreens
        (sunscreen agent showing ultra-spectral protection)
```

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IT
     Mica-group minerals, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (sunscreen agent showing ultra-spectral protection)
IT
     Cosmetic gels
     Hair gels
     Hair preparations
        (sunscreens; sunscreen agent showing ultra-spectral
        protection)
TT
     Pigments (nonbiological)
        (white, with interference colors; sunscreen agent
        showing ultra-spectral protection)
IT
     13463-67-7, Titanium dioxide, biological
     studies
              18282-10-5, Stannic oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (coating, on mica crystals and powders;
      sunscreen agent showing ultra-spectral protection)
     1317-70-0, Anatase
                         1317-80-2, Rutile
IT
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (coating, on mica crystals and powders;
      sunscreen agent showing ultra-spectral protection)
IT
     7439-89-6, Iron, biological studies
                                            7440-45-1, Cerium, biological
     studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (mica crystals and powders contg.;
      sunscreen agent showing ultra-spectral protection)
     220857-53-4, Eusolex IR
IT
                               220857-54-5, Eusolex VIS 220857-86-3,
     Timiron Silk Gold 220857-87-4, Timiron Silk
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (sunscreen agent showing ultra-spectral protection)
L138 ANSWER 20 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     1998:214452 HCAPLUS
AN
DN
     129:8400
ΤI
     Cosmetics containing powders having solid feel
IN
     Imai, Takeo; Kajiwara, Keigo; Hirose, Tomoko
PA
     Kao Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 9 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
IC
     ICM A61K007-48
     ICS
         A61K007-00; A61K007-02
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                      KIND
                            DATE
                                            APPLICATION NO.
                                                             DATE
PI
     JP 10087471
                       A2
                            19980407
                                            JP 1996-241721
     Cosmetics [powders, foundations] having solid feel
     contain: (A) .gtoreq.10wt.% powders having av. particle size
     1-2.mu.m and refractive index .ltoreq. 2 and (B) mica, titanium
     mica or bismuth oxychloride having av.
     particle size 10-100.mu.m.
    cosmetic powder foundation mica
     bismuth oxychloride
     Mica-group minerals, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (FA 500; cosmetics contg. powders having solid
        feel)
IT
     Foundations (cosmetics)
```

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Particle size
     Powders (cosmetics)
        (cosmetics contg. powders having solid feel)
IT
     Polyamides, biological studies
     Polysiloxanes, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (cosmetics contg. powders having solid feel)
ΙT
     1309-37-1, Red iron oxide,
     biological studies
                         1344-28-1, Alumina, biological studies
     Titanium, mica
                    7631-86-9, Silica, biological studies
     7727-43-7, Barium sulfate
                                7787-59-9,
     Bismuth oxychloride 9011-14-7, Polymethyl methacrylate
     12174-53-7, Sericite 12227-89-3, Black
     iron oxide 13463-67-7, Titania, biological
     studies 14807-96-6, Talc, biological studies
     51274-00-1, Yellow iron oxide
     99332-54-4, Timiron MP 1001 Supersheen
     130392-53-9, Timiron super gold 138861-13-9,
     Timiron MP 115 Starluster 207409-91-4, Flamenco
     Super Pearl
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetics contg. powders having solid feel)
L138 ANSWER 21 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN
     1996:336398 HCAPLUS
DN
     124:352347
ΤI
     Cosmetic make-up emulsions comprising silicone oils
ΙN
     Langlois, Anne
     Procter and Gamble Company, USA
PA
SO
     PCT Int. Appl., 28 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
     ICM A61K007-00
IC
     ICS A61K007-021
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                           APPLICATION NO. DATE
     _____
                                           -----
                     ----
                           -----
                           19960215
                                          WO 1995-US8340 19950630
PΙ
     WO 9603962
                     A1
            AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KE, KG, KP, KR,
            KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI,
             SK, TJ, TT, UA, US, UZ, VN
         RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT,
            LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE,
             SN, TD, TG
     CA 2195961
                            19960215
                                          CA 1995-2195961 19950630
                      AΑ
    AU 9529156
                           19960304
                                          AU 1995-29156
                      Α1
                                                            19950630
     EP 774950
                      A1
                           19970528
                                          EP 1995-924770
                                                           19950630
            AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE
                     Α
                           19970709
     CN 1154063
                                        CN 1995-194323
                                                          19950630
     JP 10503515
                      T2
                            19980331
                                          JP 1995-506496
                                                            19950630
     AU 9918508
                      A1
                           19990429
                                          AU 1999-18508
                                                            19990301
                     19940730
PRAI GB 1994-15451
    AU 1995-29156
                     19950630
                      19950630
     WO 1995-US8340
     A make-up compn. in the form of a water-in-oil or oil-in-water emulsion
AB
     comprises silicone oils selected from volatile silicones, non-volatile
     silicones and mixts. thereof, optionally humectant, at least one coated or
     uncoated iron-oxide type pigment and a TiO2-coated platelet-type
     interference pigment material having a TiO2 layer
     thickness of from 120-160 nm or a whole no. multiple thereof. The make-up
     compn. exhibits improved moisturization, together with improved skin feel
     and appearance and color correction benefits. A makeup compn. contained
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cetyl octanoate 2.00, cyclomethicone 8.574, cyclomethicone/dimethicone
copolyol 17.16, Pr paraben 0.25, laureth-7 0.5, propylene
glycol/dicaprylate 0.5, titanium dioxide 8.25, treated
titanium dioxide (aluminum hydrate, stearic acid) 0.25,
titanated mica 0.1, talc 3.387, Timiron
Super Green 2.0, acrylic polymers 1.0, yellow iron
oxide 1.2, red iron oxide 0.49,
black iron oxide 0.16, silica 3.0, synthetic
wax 0.1, arachidyl behenate 0.3, trihydroxystearin 0.3, cyclomethicone

    beeswax 1.5, aluminum magnesium hydroxy stearate/cyclomethicone 0.5,

ethylene brassylate 0.05, and BHT 0.05%.
cosmetic makeup emulsion silicone oil
Humectants
Pigments
   (cosmetic make-up emulsions comprising silicone oils)
Acrylic polymers, biological studies
Bentonite, biological studies
Chalk
Cyclosiloxanes
Fats and Glyceridic oils
Fatty acids, biological studies
Glycerides, biological studies
Glycols, biological studies
Kaolin, biological studies
Kieselguhr
Mica-group minerals, biological studies
Paraffin oils
Polyoxyalkylenes, biological studies
Siloxanes and Silicones, biological studies
Waxes and Waxy substances
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
   (cosmetic make-up emulsions comprising silicone oils)
Fats and Glyceridic oils
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
   (animal, cosmetic make-up emulsions comprising silicone oils)
Polyoxyalkylenes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
   (di-Me, Me hydrogen siloxane-, cosmetic make-up emulsions
   comprising silicone oils)
Siloxanes and Silicones, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
   (di-Me, Me hydrogen, polyoxyalkylene-, cosmetic make-up
   emulsions comprising silicone oils)
Cosmetics
   (emollients, cosmetic make-up emulsions comprising silicone
Polyoxyalkylenes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
   (ethers, cosmetic make-up emulsions comprising silicone oils)
Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
   (fatty, cosmetic make-up emulsions comprising silicone oils)
Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
   (lanolin, cosmetic make-up emulsions comprising silicone
   oils)
Cosmetics
   (makeups, cosmetic make-up emulsions comprising silicone
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oils)

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IT
     Cosmetics
        (moisturizers, cosmetic make-up emulsions comprising silicone
ΙT
     Fats and Glyceridic oils
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (vegetable, cosmetic make-up emulsions comprising silicone
ΙT
     56-81-5, Glycerin, biological studies 111-01-3, Squalane
     Caprylic acid, glycerides 142-16-5, Dioctyl maleate
                                                            142-91-6,
                         334-48-5D, Capric acid, glycerides 1332-37-2
     Isopropyl palmitate
      Iron oxide, biological studies 7384-98-7, Propylene glycol dicaprylate
     7631-86-9, Silica, biological studies 9002-88-4, Polyethylene
     9016-00-6, Dimethylsiloxane
                                  12173-47-6, Hectorite 12174-11-7,
     Attapulgite 14807-96-6, Talc, biological studies
     31900-57-9, Dimethylsilanediol polymer
                                            53824-77-4, Propylene glycol
                68171-33-5, Isopropyl isostearate 137802-13-2, Cetiol SN
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetic make-up emulsions comprising silicone oils)
L138 ANSWER 22 OF 26 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1994:37806 HCAPLUS
DN
     120:37806
ΤI
     Carrageenan gel grains for cosmetics.
IN
     Noel, Hugues; Callegari, Jenan Pierre
PA
     Jouvance Daniel, Fr.
SO
     Fr. Demande, 14 pp.
     CODEN: FRXXBL
DT
     Patent
LA
     French
IC
     ICM A61K007-48
     ICS A61K007-50
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
     ______
                     ----
                                          _____
                                                           _____
     FR 2683720
                           19930521
ΡI
                      A1
                                          FR 1991-14120
                                                          19911115
     FR 2683720
                      В1
                           19940819
AB
    Title grains are prepd., which may incorporate polyvalent metal salts,
    marine organisms or their exts., enzymes, etc. As aq. soln. contg.
     .kappa.-carrageenan 3, Me paraben 0.20, and Chlorella culture conc. 1.00%,
    was dripped into a coagulating soln., to give gel grains, which were
     incorporated into cosmetics, such as creams or lotions.
ST
     carrageenan gel grain cosmetic
IT
    Blood serum
    Albumins, uses
     Collagens, biological studies
     Gelatins, biological studies
    Kieselguhr
    Mucopolysaccharides, uses
    RL: BIOL (Biological study)
        (carrageenan gel grains contg., for cosmetics)
IT
    Cosmetics
        (carrageenan gel grains for)
IT
     Stichococcus
        (carrogenon gel grains contg., for cosmetics)
IT
    Asterionella
     Ceratium (protozoan)
     Chaetoceras
     Chlorella
     Chromulina
     Coccolithus
     Dinophysis
     Dunaliella
```

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Euglena
     Gyrodinium
     Hemiselmis
     Isochrysis
     Planktoniella
     Porphyridium
     Scenedesmus
     Skeletonema
     Tetraselmis
     Thalassionema
     Thalassiothrix
        (ext., carrageenan gel grains contg., for cosmetics)
     Salts, biological studies
ΙT
     RL: BIOL (Biological study)
        (of polyvalent metals, carrageenan gel grains contg., for
      cosmetics)
IT
     Mica-group minerals, biological studies
     RL: BIOL (Biological study)
        (titanium dioxide-coated, carrageenan gel grains
        contg., for cosmetics)
IT
     1308-38-9, Chromium oxide, biological studies 1314-13-2,
     Zinc oxide, biological studies 1332-37-2, Iron
     oxide, biological studies
                                  1344-28-1, Alumina, biological studies
     7447-40-7, Potassium chloride (KCl), biological studies
                                                                  7631-86-9,
                                   7681-11-0, Potassium iodide, biological
     Silica, biological studies
     studies 7727-43-7, Barium sulfate
                                                                    7787-59-9,
     7786-30-3, Magnesium chloride (MgCl2), biological studies
     Bismuth oxychloride
                            9012-20-8, Antielastase
     10043-52-4, Calcium chloride, biological studies 13463-67-7,
     Titanium oxide, biological studies 14807-96-6,
     Talc, biological studies
                                 21645-51-2, Aluminum hydroxide,
     biological studies 130392-54-0, Timiron Super Green
     RL: BIOL (Biological study)
        (carrageenan gel grains contg., for cosmetics)
IT
     9000-07-1, Carrageenan
                              9062-07-1, .iota.-Carrageenan
                                                                 9064-57-7,
     .lambda.-Carrageenan
                            11114-20-8, .kappa.-Carrageenan
     RL: BIOL (Biological study)
        (gel, grains of, for cosmetics)
L138 ANSWER 23 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     1991:456944 HCAPLUS
ΑN
DN
     115:56944
TI
     Press-molded cosmetic composition with good pay-off
     Verdon, Debra; Brown, Ivonne
IN
PA
     Revlon, Inc., USA
SO
     U.S., 4 pp.
     CODEN: USXXAM
DT
     Patent
T.A
     English
     ICM A61K007-02
TC
          A61K007-021; A61K007-035
     ICS
NCL
     424063000
CC
     62-1 (Essential Oils and Cosmetics)
FAN.CNT 1
     PATENT NO.
                       KIND
                             DATE
                                             APPLICATION NO.
PΙ
     US 4994264
                       Α
                             19910219
                                             US 1989-451204
                                                               19891215
AB
     The title compns. are made by extruding a paste contg. water 5-60,
     hydrocolloid gum 0.1-1.0, nonaq. polar solvent 0.01-20, wetting agent
     0.2-5.0, Bi oxychloride 0.1-10, powd. lubricant
     0.1-10% and binder 10-90%. The lubricant is {\bf Al} starch
     octenylsuccinate, Teflon, starch, etc. The press-molded cosmetics
     (face powders, blushes, eye shadows, etc.) are free of the disadvantages assocd. With the use of loose powders. A blush was made by extruding a
     paste made of talc 24.14, Al starch octenylsuccinate 3.64,
     phenoxyethanol 0.73, methylparaben 0.15, propylparaben 0.07, mica
```

```
0.73, Bi oxychloride-TiO2-mica
     mixt. 3.64, ZnO 1.50, I/O black 0.15, Red No. 5 Ca Lake 0.11,
     I/O maroon 5.45, Kaolin 7.27, ultramarine blue 0.22, cloisonne
     red (TiO2-mica-carmine 40) 13.81,
     superpearl 100 7.27, octyl palmitate 0.91, triisocetyl citrate 0.73,
     polyglyceryl-3-diisostearate 2.18, and water 27.3 wt. parts.
ST
     press molded cosmetic
IT
     Gums and Mucilages
     Acrylic polymers, biological studies
     RL: BIOL (Biological study)
        (cosmetics contg., press-molded)
IT:
     Cosmetics
        (press-molded)
     56-87-1D, L-Lysine, laureth derivs.
                                           7787-59-9, Bismuth oxychloride
IT
                                                   9002-92-0D, lysine derivs.
     9002-84-0, Teflon 9002-88-4, Polyethylene
     9087-61-0
               11138-66-2, Xanthan gum
                                           63705-03-3
     RL: BIOL (Biological study)
        (cosmetics contg., press-molded)
L138 ANSWER 24 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     1989:483884 HCAPLUS
AN
DN
     111:83884
TΙ
     Sunscreens containing titanium dioxide and
     mica as IR blockers
IN
     Wortzman, Mitchell S.
PA
     Neutrogena Corp., USA
SO
     Brit. UK Pat. Appl., 35 pp.
     CODEN: BAXXDU
DT
     Patent
LA
     English
     ICM A61K007-42
IC
     62-4 (Essential Oils and Cosmetics)
CC
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                           APPLICATION NO.
                                                           DATE
                                           _____
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                     ____
                           _____
                            19890105
     GB 2206282
                . A1
                                           GB 1988-14842
                                                            19880622
PΙ
                      B2
                            19910515
     GB 2206282
     US 4820508
                     Α
                            19890411
                                           US 1987-65348
                                                            19870623
     CA 1339009
                     A1
                            19970325
                                           CA 1988-569471
                                                            19880614
PRAI US 1987-65348
                    19870623
     A sunscreen for protecting mammalian skin from IR radiation contains
     0.5-4% by wt. TiO2 and 0.5-5% by wt. mica dispersed in
     a carrier; mica can also be coated with TiO2. A skin
     cosmetic contained stearic acid 10.0, jojoba oil 4.0, propylene
     glycol 4.0, octyl methoxycinnamate 5.0, benzophenone-3 4.0, mica
     (and) TiO2 4.0, BiOCl 2.0, 99% triethanolamine 2.5, PEG-40
     stearate 2.0, cetyl alc. 2.0, tocopherol acetate 1.5, stearyl alc. 1.0,
     methylparaben 0.25, propylparaben 0.15, allantoin 0.1% by wt. and H2O q.s.
     A water/oil emulsion base contg. TiO2 or Timiron (
     TiO2-coated mica) was spread onto an IR-transparent
     material, e.g. Mylar-D; the absorption of IR radiation was 0 with the
     emulsion base alone and with the base contg. Parsol Hydro (conventional
     sunscreen agent); 13.0% with benzophenone-3; 22.5% with TiO2,
     14.3% with Timiron; and 53.0% with an emulsion base contg.
     Parsol Hydro, benzophenone-3, TiO2 and Timiron,
     together.
ST
     sunscreen IR blocker mica titanium dioxide
IT
     Cosmetics
        (IR blockers for, mica and titanium dioxide
IT
     Infrared radiation, biological effects
        (skin-protecting agents for, titanium dioxide and
     mica as)
     Mica-group minerals, biological studies
IT
     RL: BIOL (Biological study)
```

(sunscreens contg. titanium dioxide and)

```
IT
     Sunburn and Suntan
        (sunscreens, contg. titanium dioxide and
      mica, as IR blockers)
IT
     13463-67-7, Titanium dioxide, biological
     studies
     RL: BIOL (Biological study)
      (sunscreens contg. mica and)
L138 ANSWER 25 OF 26 HCAPLUS COPYRIGHT 2001 ACS
     1989:44734 HCAPLUS
ΑN
DN
     110:44734
ΤI
     Cosmetic pigment compositions containing iron oxide and
     pearlescent pigments (glimmer)
IN
     Franz, Klaus Dieter; Stasunik, Andrea; Lenz, Gisela; Moeschl, Gernot
PA
    Merck Patent G.m.b.H., Fed. Rep. Ger.
SO
     Ger. Offen., 4 pp.
     CODEN: GWXXBX
DT
     Patent
    German
LA
     ICM A61K007-02
IC
    A61K007-027; A61K007-035; A61K007-021; C09C001-24
ICA
     62-3 (Essential Oils and Cosmetics)
CC
FAN.CNT 1
                      KIND DATE
     PATENT NO.
                                           APPLICATION NO.
                                                           DATE
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                                           -----
                      ____
                                                            _____
    DE 3636075
                            19880428
                      A1
                                           DE 1986-3636075 19861023
PΙ
    EP 264843
                      A2
                            19880427
                                           EP 1987-115131
                                                            19871016
    EP 264843
                      А3
                            19881026
     EP 264843
                      В1
                            19930127
        R: DE, ES, FR, GB, IT
     ES 2038148
                     Т3
                            19930716
                                           ES 1987-115131
                                                            19871016
     US 4828826
                      Α
                            19890509
                                         US 1987-111833
                                                            19871022
PRAI DE 1986-3636075 19861023
    A shiny pigment compn. contains Fe oxide (I)
    pigment scales. Such pigments may by combined with other
    metal oxide-based pearlescent pigments. In contrast to
     known coated pigments, I themselves are present in cryst. form; they are
    hence thinner than other glimmer pigments and give a higher shine with
     respect to the amt. of pigment added to a cosmetic
     compn. I have a smooth crystal surface, and assocd. with this a high
     refractive index, as well as a good feel on the skin. A loose face
    powder contained talc 59, Mg stearate 5, glimmer 10,
     Timiron Super Sparkle MP-148 (pearlescent pigment) 15,
     Fe203 pigment 6, a binder 5 parts by wt., and perfume and
    preservative.
ST
     iron oxide cosmetic pigment
IT
     Cosmetics
        (face powders, pigments for, contg. iron oxide and glimmer)
TT
     Cosmetics
        (lipsticks, pigments for, contg. iron oxide and glimmer)
TT
     Cosmetics
        (mascaras, pigments for, contg. iron oxide and glimmer)
IT
     Pigments
        (pearlescent, cosmetics contg. iron oxide and)
IT
     Cosmetics
        (pencils, pigments for, contg. iron oxide and glimmer)
IT
     1309-37-1, Iron oxide, Fe2O3, uses and miscellaneous
     RL: USES (Uses)
        (cosmetic pigment mixt. contg. glimmer and)
IT
     118442-67-4, Timiron Super Sparkle MP 148
     118442-68-5, Timiron Super Violet
     RL: BIOL (Biological study)
        (cosmetic pigment mixt. contg. iron oxide and)
L138 ANSWER 26 OF 26 HCAPLUS COPYRIGHT 2001 ACS
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1985:528813 HCAPLUS

```
DN
     103:128813
ΤI
     Pigmented composition for cosmetic pencils
IN
     Carr, Raymond
PA
     Atlas Pencil Co. Ltd., UK
SO
     Eur. Pat. Appl., 22 pp.
    CODEN: EPXXDW
DT
     Patent
LA
     English
     ICM A61K007-032
IC
CC
     62-4 (Essential Oils and Cosmetics)
FAN.CNT 1
                                           APPLICATION NO.
     PATENT NO.
                      KIND DATE
                                                            DATE
                                           -----
     ______
                      ----
                           -----
     EP 145286
                       A2
                            19850619
                                           EP 1984-307754
PΙ
                                                            19841109
    EP 145286
                      Α3
                            19850703
                      В1
    EP 145286
                            19880706
        R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
    AT 35504
                     E
                            19880715
                                          AT 1984-307754
                                                            19841109
     CA 1263939
                      Α1
                            19891219
                                           CA 1986-500707
                                                            19860130
                      19831111
PRAI GB 1983-30201
     EP 1984-307754
                      19841109
     Pigmented compns. suitable for forming the core of a cosmetic
AB
    pencil comprise a pigment or coloring material, plaster of Paris
     [26499-65-0], and mica or other laminar material, and adjuvants.
     Thus, a compn. for dark blue cosmetic pencil contained plaster
    of Paris 64.6, TiO2 6.5, mica 18.5, ferric
     ferrocyanide [14038-43-8] 10, and preservatives 0.4% by
     wt.
ST
    pigment cosmetic pencil; plaster Paris mica
     cosmetic pencil
ΙT
    Mica-group minerals, biological studies
     RL: BIOL (Biological study)
        (cosmetic pencil contg.)
IT
     Pigments
        (cosmetic pencils contg.)
IT
    Cosmetics
        (pencils, pigments and plaster of Paris in)
     1309-37-1, biological studies 12227-89-3
IT
                                                12240-15-2
                  26499-65-0 51274-00-1 52357-70-7
     14038-43-8
     98227-05-5
                  98227-07-7
                               98227-08-8
                                            98227-09-9
                                                         98227-10-2
                               98227-27-1
     98227-11-3
                  98227-12-4
                                            98227-28-2
                                                         98227-29-3
     98227-30-6
                  98227-31-7
                               98227-41-9
                                            98227-47-5
                                                         98227-48-6
     98227-49-7
                  98227-50-0 98227-51-1
                                          98227-53-3
     RL: BIOL (Biological study)
        (cosmetic pencil contg.)
=> sel hit rn 1138
E47 THROUGH E92 ASSIGNED
=> fil reg
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STRUCTURE FILE UPDATES:
                          11 MAR 2001 HIGHEST RN 326792-71-6
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TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

11 MAR 2001 HIGHEST RN 326792-71-6

DICTIONARY FILE UPDATES:

Structure search limits have been increased. See HELP SLIMIT for details.

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=> d ide can tot

L140 ANSWER 1 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 259796-70-8 REGISTRY

CN Flamenco Super Pearl 120C (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM- IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:198857

L140 ANSWER 2 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 230950-40-0 REGISTRY

CN Flamenco Satin Pearl 3500 (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:227581

REFERENCE 2: 131:106609

L140 ANSWER 3 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 230950-39-7 REGISTRY

CN Timiron Super Silk MP 1005 (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:227581

REFERENCE 2: 131:106609

L140 ANSWER 4 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **227015-81-8** REGISTRY

CN Flamenco Satin Violet 560M (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 5 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **227015-80-7** REGISTRY

CN Flamenco Satin Blue 560M (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 6 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 227015-74-9 REGISTRY

CN Flamenco Blue 620C (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 7 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **227015-73-8** REGISTRY

CN Flamenco Violet 520C (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 8 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 224961-33-5 REGISTRY

CN Timiron Super Copper (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:356906

L140 ANSWER 9 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 224961-14-2 REGISTRY CN Flamenco Violet (9CI) (CA INDEX NAME) MF Unspecified CI MAN SR CA LC STN Files: CA, CAPLUS, TOXLIT *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 1 REFERENCES IN FILE CA (1967 TO DATE) 1 REFERENCES IN FILE CAPLUS (1967 TO DATE) 1: 130:356906 REFERENCE L140 ANSWER 10 OF 46 REGISTRY COPYRIGHT 2001 ACS 224961-13-1 REGISTRY Flamenco Satin Violet (9CI) (CA INDEX NAME) CN MF Unspecified CI MAN SR CA CA, CAPLUS, TOXLIT LC STN Files: *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 2 REFERENCES IN FILE CA (1967 TO DATE) 2 REFERENCES IN FILE CAPLUS (1967 TO DATE) REFERENCE 1: 132:127467 REFERENCE 2: 130:356906 L140 ANSWER 11 OF 46 REGISTRY COPYRIGHT 2001 ACS RN 224961-12-0 REGISTRY (CA INDEX NAME) CN Flamenco Satin Red (9CI) MF Unspecified CI MAN SR ÇA CA, CAPLUS, TOXLIT LC STN Files: *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 5 REFERENCES IN FILE CA (1967 TO DATE) 5 REFERENCES IN FILE CAPLUS (1967 TO DATE) REFERENCE 1: 132:127467 REFERENCE 131:341763 2: REFERENCE 3: 131:341762 REFERENCE 131:161467 4: REFERENCE 5: 130:356906 L140 ANSWER 12 OF 46 REGISTRY COPYRIGHT 2001 ACS RN **224961-09-5** REGISTRY Flamenco Satin Orange (9CI) (CA INDEX NAME) CN MF Unspecified CI MAN SR CA LC STN Files: CA, CAPLUS, TOXLIT *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127467
REFERENCE 2: 130:356906

L140 ANSWER 13 OF 46 REGISTRY COPYRIGHT 2001 ACS RN 224961-08-4 REGISTRY CN Flamenco Satin Green (9CI) (CA INDEX NAME) MF Unspecified CI MAN SR CA CA, CAPLUS, TOXLIT LC STN Files: *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 2 REFERENCES IN FILE CA (1967 TO DATE) 2 REFERENCES IN FILE CAPLUS (1967 TO DATE) REFERENCE 1: 132:127467 REFERENCE 2: 130:356906 L140 ANSWER 14 OF 46 REGISTRY COPYRIGHT 2001 ACS RN **224961-07-3** REGISTRY CN Flamenco Satin Blue (9CI) (CA INDEX NAME) MF Unspecified CI MAN SR CA LC STN Files: CA, CAPLUS, TOXLIT *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 2 REFERENCES IN FILE CA (1967 TO DATE) 2 REFERENCES IN FILE CAPLUS (1967 TO DATE) REFERENCE 1: 132:127467 REFERENCE 2: 130:356906 L140 ANSWER 15 OF 46 REGISTRY COPYRIGHT 2001 ACS RN 220857-87-4 REGISTRY CN Timiron Silk Red (9CI) (CA INDEX NAME) MF Unspecified CI MAN SR CA LC CA, CAPLUS, TOXLIT, USPATFULL STN Files: *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 1 REFERENCES IN FILE CA (1967 TO DATE) 1 REFERENCES IN FILE CAPLUS (1967 TO DATE) REFERENCE 1: 130:213469 L140 ANSWER 16 OF 46 REGISTRY COPYRIGHT 2001 ACS RN 220857-86-3 REGISTRY CN Timiron Silk Gold (9CI) (CA INDEX NAME) MF Unspecified CI MAN SR CA CA, CAPLUS, TOXLIT, USPATFULL LC STN Files: STRUCTURE DIAGRAM IS NOT AVAILABLE *** 1 REFERENCES IN FILE CA (1967 TO DATE) 1 REFERENCES IN FILE CAPLUS (1967 TO DATE) REFERENCE 1: 130:213469 L140 ANSWER 17 OF 46 REGISTRY COPYRIGHT 2001 ACS RN **219484-67-0** REGISTRY CN Flamenco Satin Gold 260M (9CI) (CA INDEX NAME) MF Unspecified

CI

MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:49203

REFERENCE 2: 130:100349

L140 ANSWER 18 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **207409-91-4** REGISTRY

CN Flamenco Super Pearl (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:8400

L140 ANSWER 19 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 180390-20-9 REGISTRY

CN Timiron Super Silk (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

5 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:198857

REFERENCE 2: 125:171115

REFERENCE 3: 125:171012

REFERENCE 4: 125:171011

REFERENCE 5: 125:171010

L140 ANSWER 20 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 138861-13-9 REGISTRY

CN Timiron MP 115 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Timiron MP 115 Starluster

CN Timiron Starluster MP 115

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

5 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:8874

REFERENCE 2: 129:8400

REFERENCE 3: 128:62993

REFERENCE 4: 128:24065

REFERENCE 5: 116:91126

L140 ANSWER 21 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 130392-55-1 REGISTRY

CN Timiron Super Red (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

5 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:356906

REFERENCE 2: 119:227334

REFERENCE 3: 118:40901

REFERENCE 4: 115:185448

REFERENCE 5: 113:217775

L140 ANSWER 22 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 130392-54-0 REGISTRY

CN Timiron Super Green (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL

*** STRÚCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:283909

REFERENCE 2: 130:356906

REFERENCE 3: 120:37806

REFERENCE 4: 113:217775

L140 ANSWER 23 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **130392-53-9** REGISTRY

CN Timiron Super Gold (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:355007

REFERENCE 2: 129:8400

REFERENCE 3: 115:185448

REFERENCE 4: 113:217775

L140 ANSWER 24 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 126776-85-0 REGISTRY

CN Timiron Super Blue (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

10 REFERENCES IN FILE CA (1967 TO DATE)

10 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:75386

REFERENCE 2: 132:283909

REFERENCE 3: 132:127471

REFERENCE 4: 132:23886

REFERENCE 5: 131:49203

REFERENCE 6: 130:356906

REFERENCE 7: 119:227334

REFERENCE 8: 115:185448

REFERENCE 9: 113:217775

REFERENCE 10: 113:100383

L140 ANSWER 25 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **123424-09-9** REGISTRY

CN Flamenco Blue (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:356906

REFERENCE 2: 111:196807

L140 ANSWER 26 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **118442-68-5** REGISTRY

CN Timiron Super Violet (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

3 REFERENCES IN FILE CA (1967 TO DATE)

3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:283909

REFERENCE 2: 130:356906

REFERENCE 3: 110:44734

L140 ANSWER 27 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 118442-67-4 REGISTRY

CN Timiron Super Sparkle MP 148 (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 110:44734

L140 ANSWER 28 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 99332-54-4 REGISTRY

CN Timiron MP 1001 Supersheen (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Timiron Super Sheen MP 1001

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:198857

REFERENCE 2: 129:8400

REFERENCE 3: 116:180911

REFERENCE 4: 103:220614

L140 ANSWER 29 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 98227-51-1 REGISTRY

CN Timiron Gold MP 127 (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 103:220614

REFERENCE 2: 103:128813

L140 ANSWER 30 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **57455-37-5** REGISTRY

CN C.I. Pigment Blue 29 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN BSD 1

CN C.I. 77007

CN Cosmetic Blue U

CN CR 50

CN CR 50 (pigment)

CN Daiichi Violet DV 1

CN G 90

```
CN
     G 90 (pigment)
CN
     Gunjo 2000
CN
     Gunjo 4000
CN
     Gunjo 8000
CN
     PB 100
     PB 100 (pigment)
CN
CN
     PB 80
CN
     Pigment Blue 29
CN
     Reckitts Ultramarine Blue
CN
     Sanylene Blue 39-93
CN
     Ultrablue
     Ultramarine
CN
CN
     Ultramarine (pigment)
CN
     Ultramarine Blue
CN
     Ultramarine Blue 1500
CN
     Ultramarine Blue 2000
CN
     Ultramarine Blue 5009
CN
     Ultramarine Blue 6394
CN
     Ultramarine Blue RS 6
CN
     Ultramarine Blue UMB 293
     This substance is identified in the COLOUR INDEX by Colour Index
DEF
     Constitution Number, C.I. 77007.
DR
     67053-79-6
MF
     Unspecified
CI
     COM, MAN
LC
     STN Files:
                  AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB,
       CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MEDLINE,
       MSDS-OHS, PIRA, PROMT, TOXLINE, TOXLIT, ULIDAT, USPATFULL, VTB
     Other Sources:
                     DSL**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
             682 REFERENCES IN FILE CA (1967 TO DATE)
               5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
             683 REFERENCES IN FILE CAPLUS (1967 TO DATE)
            1: 134:163849
REFERENCE
REFERENCE
            2:
                134:139239
REFERENCE
            3:
                134:132477
REFERENCE
            4:
                134:123551
REFERENCE
            5:
                134:105632
REFERENCE
            6:
                134:90934
REFERENCE
            7:
                134:78605
REFERENCE
            8:
                134:76145
REFERENCE
            9:
                134:76132
REFERENCE 10:
                134:72660
L140 ANSWER 31 OF 46 REGISTRY
                                 COPYRIGHT 2001 ACS
     52357-70-7 REGISTRY
     C.I. Pigment Brown 6 (9CI)
                                  (CA INDEX NAME)
OTHER NAMES:
CN
     Ariabel Umber 300403
CN
     Brown iron oxide
CN
     Iron oxide brown
CN
     Iron Oxide Brown 610
CN
     Pigment Brown 6
CN
     Sicotrans Red K 2915
```

```
CN
     Synthetic brown iron oxide pigment
     This substance is identified in the COLOUR INDEX by Colour Index
DEF
     Constitution Numbers, C.I. 77491, 77492 and 77499.
     1332-59-8
DR
MF
     Unspecified
CI
     MAN
LC
                  CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT,
     STN Files:
       IFIUDB, PROMT, TOXLIT, USPATFULL
     Other Sources: EINECS**, NDSL**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
              69 REFERENCES IN FILE CA (1967 TO DATE)
              69 REFERENCES IN FILE CAPLUS (1967 TO DATE)
REFERENCE
            1:
                134:32807
REFERENCE
            2:
                134:21304
REFERENCE
            3:
                133:325506
REFERENCE
            4:
                133:271368
REFERENCE
            5:
                133:124951
REFERENCE
            6:
                133:122431
                133:60122
REFERENCE
            7:
                132:280575
REFERENCE
            8:
REFERENCE
            9:
                132:111894
                132:79788
REFERENCE 10:
L140 ANSWER 32 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     51274-00-1 REGISTRY
CN
     C.I. Pigment Yellow 42 (9CI)
                                    (CA INDEX NAME)
OTHER NAMES:
CN
     Ariabel Yellow 300407
CN
     AZ 138
CN
     Bayferrox 3910
CN
     Bayferrox 3920
     Bayferrox 3950
CN
CN
     Bayferrox 415
CN
     Bayferrox 420
CN
     Bayferrox 915
CN
     Bayferrox 920
CN
     Bayferrox 930
CN
     Bayferrox Yellow 3910
CN
     Bayferrox Yellow 415
CN
    Bayferrox Yellow 420
     C.I. 77492
CN
CN
     Cappoxyt Yellow 4214
CN
     Cappoxyt Yellow 4214C
CN
     Cosmetic Yellow
CN
     Disperse HG 457
CN
     EC 481
CN
     Iron hydroxide oxide yellow
CN
     Iron Oxide Orange Transparent 188VN
CN
     Iron oxide yellow
     Iron Oxide Yellow 214501
CN
CN
     Iron Oxide Yellow 420
     Iron Oxide Yellow Transp. 088VN
CN
CN
     Iron Yellow
```

CN

Iron Yellow AZ 138

```
CN
     L 1
CN
     L 1 (pigment)
CN
     LL-XLO
CN
     Mapico Yellow 1050
CN
     Mapico Yellow 5
CN
     Mapico Yellow LL-XLO
     Oxide Yellow 3910
CN
     Pigment Yellow 42
CN
     Pure Yellow Oxide YO 6087
CN
     PW 895
CN
CN
     Sicoflush L Yellow 1916
     Sicotrans Gold L 1916
CN
     Sicotrans Yellow L 1915
CN
CN
     Sicotrans Yellow L 1916
CN
     Sicovit Yellow 10
CN
     Synthetic yellow iron oxide pigment
CN
     Toda Color Y 2
     Toda Color Yellow 48
CN
     YB 3100
CN
CN
     Yellow iron oxide
CN
     Yellow YB 3100
CN
     YO 2087
CN
     Zh 1
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
DEF
     This substance is identified in the COLOUR INDEX by Colour Index
     Constitution Number, C.I. 77492.
     12000-32-7, 12001-03-5, 1342-51-4, 99241-66-4, 105478-30-6, 50641-37-7,
DR
     51109-85-4, 147625-38-5, 53028-10-7, 182761-12-2, 185464-57-7
MF
     Unspecified
CI
     COM, MAN
                  AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB, CHEMCATS,
LC
     STN Files:
       CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB, IPA,
       MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, USPATFULL
                      DSL**, EINECS**, TSCA**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
   STRUCTURE DIAGRAM IS NOT AVAILABLE ***
             808 REFERENCES IN FILE CA (1967 TO DATE)
               7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
             810 REFERENCES IN FILE CAPLUS (1967 TO DATE)
REFERENCE
            1: 134:168374
REFERENCE
            2:
                134:168101
REFERENCE
            3:
                134:168100
REFERENCE
            4:
                134:168070
                134:105632
REFERENCE
            5:
REFERENCE
            6:
                134:102296
REFERENCE
                134:90934
            7:
REFERENCE
                134:87629
            8:
REFERENCE
                134:78605
REFERENCE
           10:
                134:76145
L140 ANSWER 33 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     25869-00-5 REGISTRY
     Ferrate(4-), hexakis(cyano-.kappa.C)-, ammonium iron(3+) (1:1:1),
CN
     (OC-6-11)- (9CI) (CA INDEX NAME)
```

```
OTHER CA INDEX NAMES:
CN
    Ferrate(4-), hexacyano-, ammonium iron(3+) (8CI)
     Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)-
CN
OTHER NAMES:
    Ammonium ferric hexacyanoferrate
CN
CN
    Ammonium iron hexacyanoferrate
CN
    Ferric ammonium ferrocyanide
CN
    Giese salt
    31095-14-4
DR
MF
    C6 Fe N6 . Fe . H4 N
CI
    CCS
LC
                 AGRICOLA, BIOSIS, CA, CAPLUS, CHEMLIST, CIN, GMELIN*, IFICDB,
    STN Files:
       IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, RTECS*, TOXLINE,
       TOXLIT, ULIDAT, USPATFULL
         (*File contains numerically searchable property data)
                     DSL**, EINECS**, TSCA**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
CRN
     (13408-63-4)
```

$$\begin{array}{c|c}
C & N \\
N & C \\
N & C
\end{array}$$

$$\begin{array}{c|c}
Fe^{2+} & C & N \\
C & N
\end{array}$$

$$\begin{array}{c|c}
C & N
\end{array}$$

• Fe(III) 3+

● NH4+

70 REFERENCES IN FILE CA (1967 TO DATE)
70 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:21304

REFERENCE 2: 134:2092

REFERENCE 3: 133:161496

REFERENCE 4: 132:61030

REFERENCE 5: 132:54601

REFERENCE 6: 131:291360

REFERENCE 7: 131:122150

REFERENCE 8: 131:2221

REFERENCE 9: 130:257181

REFERENCE 10: 130:202072

```
L140 ANSWER 34 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     14807-96-6 REGISTRY
CN
     Talc (Mg3H2(SiO3)4) (9CI)
                                 (CA INDEX NAME)
OTHER NAMES:
CN
     10MO-OS
CN
     15M00
CN
     20 MOOS
CN
     20MOOS
CN
     5000PJ
CN
     5000S
CN
     5000SA
CN
     850JS
CN
     A 7
     A 7 (talc)
CN
     ABT 2500
CN
CN
     Agalite
CN
     Asbestine
     AT 164
CN
CN
     B 13
CN
     B 13 (mineral)
CN
     B 9
     B 9 (talc)
CN
CN
     Beaver White 200
CN
     Beaver White 325
CN
     BT 2202
CN
     CHC 13P
CN
     CHC 13S10
CN
     Cimflex 606
CN
     Cimpact 600
CN
     Cimpact 699
CN
     Circron MP 9825
CN
     CP 10-40
     CP 38-33
CN
CN
     Crown P 2
CN
     Crown PP
CN
     Crown Talc DR
     Crown Talc P
CN
     Crown Talc P 2
CN
     Crown Talc W 83
CN
     Crown Talc Z
CN
CN
     CRS 6002
CN
     Crystalite CRS 6002
CN
     CT 8
CN
     CT 8 (mineral)
CN
     CTA 1
CN
     Cubic Master
CN
     D 35
CN
     D 35 (mineral)
CN
     Desertalc 57
CN
     DN 2
     DN 2 (filler)
CN
CN
     DR Talc
     EC 75
CN
CN
     EMS 100
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DR
     12420-12-1, 11119-41-8, 37232-12-5, 99638-63-8, 110540-41-5
MF
     H2 O3 Si . 3/4 Mg
CI
     MNS, COM
LC
     STN Files:
                  AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
       APIPAT2, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS,
       CBNB, CEN, CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,
       DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
       MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA,
       ULIDAT, USAN, USPATFULL
         (*File contains numerically searchable property data)
```

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (7699-41-4)

0 3/4 Mg

C6 Fe N6 . 4/3 Fe

MF

```
16146 REFERENCES IN FILE CA (1967 TO DATE)
              96 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           16172 REFERENCES IN FILE CAPLUS (1967 TO DATE)
            1: 134:168379
REFERENCE
            2:
                134:168344
REFERENCE
            3:
                134:168327
REFERENCE
                134:168079
REFERENCE
            4:
REFERENCE
            5:
                134:167151
REFERENCE
            6:
                134:165761
            7:
                134:165750
REFERENCE
REFERENCE
            8:
                134:165744
REFERENCE
            9:
                134:165255
REFERENCE 10: 134:165211
L140 ANSWER 35 OF 46 REGISTRY COPYRIGHT 2001 ACS
     14038-43-8 REGISTRY
RN
     Ferrate(4-), hexakis(cyano-.kappa.C)-, iron(3+) (3:4), (OC-6-11)- (9CI)
CN
     (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN
     Ferrate(4-), hexacyano-, iron(3+) (3:4) (8CI)
     Ferrate(4-), hexakis(cyano-C)-, iron(3+) (3:4), (OC-6-11)-
CN
CN
     Iron ferrocyanide (Fe4[Fe(CN)6]3) (6CI)
OTHER NAMES:
CN
     Ferrate(1-), hexakis(cyano-C)di-
CN
     Ferric ferrocyanide
CN
     Ferric ferrocyanide (Fe4[Fe(CN)6]3)
CN
     Ferric hexacyanoferrate (II)
CN
     Ferrihexacyanoferrate
     Ferrocin
CN
CN
     Ferrotsin
CN
     Iron ferrocyanide
     Iron(3+) ferrocyanide
CN
     Iron(3+) hexacyanoferrate(4-) (4:3)
CN
     Iron(III) ferrocyanide
CN
     Milori blue
CN
CN
     Prussian blue [Fe4[Fe(CN)6]3]
CN
     Tetrairon tris(hexacyanoferrate(4-))
CN
     Tetrairon tris(hexacyanoferrate)
     Tetrairon(3+) tris[hexacyanoferrate(4-)]
CN
     12095-09-9, 12397-39-6, 1334-14-1, 14638-08-5, 15638-91-2, 15648-88-1,
DR
     15745-97-8, 80701-92-4, 26062-16-8, 27057-57-4, 52044-58-3
```

CI CCS, COM

LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PROMT, RTECS*, TOXLINE, TOXLIT, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (13408-63-4)

$$\begin{array}{c|c}
\hline
C & N \\
\hline
N & C & Fe^{2+} & C & N \\
\hline
N & C & C & N
\end{array}$$

0 4/3 Fe(III) 3+

455 REFERENCES IN FILE CA (1967 TO DATE)

16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

455 REFERENCES IN FILE CAPLUS (1967 TO DATE)

19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:150363

REFERENCE 2: 134:105626

REFERENCE 3: 134:63126

REFERENCE 4: 134:34265

REFERENCE 5: 133:356571

REFERENCE 6: 133:293081

REFERENCE 7: 133:288009

REFERENCE 8: 133:227593

REFERENCE 9: 133:165855

REFERENCE 10: 133:126750

L140 ANSWER 36 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **13463-67-7** REGISTRY

CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1385RN59

CN 500HD

CN 63B1 White

CN A 100

CN A 200

CN A 200 (pigment)

CN A-Fil Cream

CN A-FN 3

CN Aerosil P 25

```
CN
     Aerosil P 25S6
CN
     Aerosil P 27
CN
     Aerosil T 805
CN
     AF-E 3D
CN
     AK 15
     AK 15 (pigment)
CN
CN
     Amperit 780.0
CN
     AMT 100
CN
     AMT 600
CN
     AUF 0015S
CN
     Austiox R-CR 3
CN
     B 101
CN
     B 101 (pigment)
CN
     Bayer R-FD 1
CN
     Bayertitan A
CN
     Bayertitan AN 3
CN
     Bayertitan R-FD 1
CN
     Bayertitan R-FK 21
CN
     Bayertitan R-FK-D
CN
     Bayertitan R-KB 2
CN
     Bayertitan R-KB 4
CN
     Bayertitan R-KB 5
CN
     Bayertitan R-KB 6
CN
     Bayertitan R-U 2
CN
     Bayertitan R-U-F
CN
     Bayertitan R-V-SE 20
CN
     Bayertitan T
CN
     Bistrater L-NSC 200C
CN
     BR 29-7-2
CN
     C.I. 77891
     C.I. Pigment White 6
CN
CN
     Cab-O-Ti
CN
     CG-T
     CL 310
CN
     CR 50
CN
     CR 58
CN
     CR 60
CN
CN
     CR 60-2
CN
     CR 63
CN
     CR 63 (pigment)
CN
     CR 80
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
AR
     51745-87-0
DR
     12000-59-8, 12701-76-7, 12767-65-6, 12789-63-8, 1309-63-3, 1344-29-2,
     55068-84-3, 55068-85-4, 62338-64-1, 101239-53-6, 98084-96-9, 37230-92-5,
     37230-94-7, 37230-95-8, 37230-96-9, 39320-58-6, 39360-64-0, 39379-02-7,
     116788-85-3, 185323-71-1, 185828-91-5, 188357-76-8, 188357-79-1,
     195740-11-5, 221548-98-7, 224963-00-2, 246178-32-5, 252962-41-7
MF
     02 Ti
CI
     COM
                  AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
LC
     STN Files:
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT,
       CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM,
       CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, HSDB*, IFICDB,
       IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA,
       PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USAN, USPATFULL, VTB
         (*File contains numerically searchable property data)
                      DSL**, EINECS**, TSCA**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
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1288 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA 89709 REFERENCES IN FILE CAPLUS (1967 TO DATE)

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134:172396
REFERENCE
            1:
REFERENCE
            2:
                134:172176
REFERENCE
            3:
                134:172163
REFERENCE
            4:
                134:172151
REFERENCE
            5:
                134:172142
REFERENCE
                134:172136
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REFERENCE
            7:
                134:172016
REFERENCE
            8:
                134:171993
REFERENCE
                134:171985
            9:
REFERENCE 10:
                134:171973
L140 ANSWER 37 OF 46 REGISTRY COPYRIGHT 2001 ACS
     12227-89-3 REGISTRY
RN
CN
     C.I. Pigment Black 11 (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
    AQI 9104
CN
CN
     Ariabel Black 300401
     Bengara KN 320
CN
     BK 5500
CN
CN
     BK 5599
CN
     BL 100
     Black BK 5599
CN
     Black Iron Oxide
CN
     Black oxide
CN
     C.I. 77499
CN
CN
     Iron oxide black
CN
     Iron Oxide Black 318
     Levanox Black 318A
CN
    Magnetic Pigment 345
CN
CN
     Mapico Black
CN
     Mapico Black BL 100
CN
     Mapico Black BL 500
     Mars black
CN
     Pigment Black 11
CN
     Sicomet Black 85
CN
     TB 50
CN
     TB 50 (pigment)
CN
     Toda Color KN 320
CN
     Toda Color KN 370
CN
     Toda Color MAT 305S
CN
     Transoxide Black
CN
DEF
     This substance is identified in the COLOUR INDEX by Colour Index
     Constitution Number, C.I. 77499.
DR
     58339-39-2, 65777-20-0, 65777-22-2
MF
     Unspecified
CI
     COM, MAN
LC
     STN Files:
                  AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB, CHEMLIST,
       CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PIRA, PROMT, TOXLIT,
       USPATFULL
                      DSL**, EINECS**, TSCA**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
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*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

633 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA 636 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:168101 REFERENCE 2: 134:168100 REFERENCE 3: 134:165692 4: 134:105632 REFERENCE REFERENCE 5: 134:90934 REFERENCE 6: 134:76131 REFERENCE 7: 134:45826 8: 134:44087 REFERENCE REFERENCE 9: 134:32807 REFERENCE 10: 134:32793 L140 ANSWER 38 OF 46 REGISTRY COPYRIGHT 2001 ACS RN **12174-53-7** REGISTRY Sericite ([Al1.75-2(Fe0-1Mg0-1)0-0.25](K0-1Na0-1)0.75-1(Si3-3.5Al0.5-CN 1) [(OH) 0.5-1F0-0.5] 2010) (9CI) (CA INDEX NAME) OTHER CA INDEX NAMES: CN Sericite (8CI) OTHER NAMES: CN Ba 51-084846 Hikawamica Z 20 CN KF 200 CN Microclean CN CN Sericite FS CN Sericite GMS-C CN Sericite ST CN Serikuron CN TK-S 8 CN Z 20 CN Z 201R MF Al . F . Fe . H O . K . Mg . Na . O5 Si2 . O Al2.25-3 F0-1 Fe0-0.25 H1-2 K0-1 Mg0-0.25 Na0-1 Ol1-12 Si3-3.5 AF CI MNS, TIS LC AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CIN, IFICDB, STN Files: IFIPAT, IFIUDB, NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, TULSA, USPATFULL

Component	Ratio 	Component Registry Number
0.0.0	=+===========	00000 07 0
05Si2	1.5 - 1.75	20328-07-8
0	1.25 - 2.5	17778-80-2
F	0 - 1	14762-94-8
НО	1 - 2	14280-30-9
Na	0 - 1	7440-23-5
K	, 0 - 1	7440-09-7
Mg	0 - 0.25	7439-95-4
Fe	0 - 0.25	7439-89-6
Al	2.25 - 3	7429-90-5

1245 REFERENCES IN FILE CA (1967 TO DATE)
19 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1250 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:168021

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134:167029
REFERENCE
             2:
                 134:152399
REFERENCE
             3:
REFERENCE
             4:
                 134:150183
REFERENCE
                 134:105672
             5:
REFERENCE
                 134:105639
             6:
REFERENCE
             7:
                 134:105632
REFERENCE
             8:
                 134:103429
             9:
                 134:103390
REFERENCE
REFERENCE 10:
                 134:89018
L140 ANSWER 39 OF 46 REGISTRY COPYRIGHT 2001 ACS
     12174-11-7 REGISTRY
CN
     Palygorskite ([Mg(Al0.5-1Fe0-0.5)]Si4(OH)O10.4H2O) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN
     Palygorskite (8CI)
OTHER NAMES:
CN
     200U/P-RVM
CN
     Attaclay
CN
     Attaclay X 250
CN
     Attacote
CN
     Attagel
     Attagel 150
CN
CN
     Attagel 2059
     Attagel 30
CN
CN
     Attagel 350
CN
     Attagel 36
CN
     Attagel 40
CN
     Attagel 50
CN
     Attapulgite
CN
     Attasorb
     DC 150
CN
CN
     Diluex
CN
     L 96117
CN
     Min-U-Gel 100
CN
     Min-U-Gel 200
CN
     Min-U-Gel 400
CN
     Min-U-Gel AR
CN
     Min-U-Gel FG
CN
     Permagel
CN
     RVM-FG
CN
     X 250
CN
     Zeogel
     12174-28-6, 1337-76-4, 64418-16-2, 61180-55-0, 37189-50-7, 137546-91-9,
DR
     71396-54-8
MF
     Al . Fe . 4 H2 O . H O . Mg . O5 Si2
     Al0.5-1 Fe0-0.5 H Mg Oll Si4 . 4 H2 O
AF
CI
     MNS, COM
LC
                   AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
     STN Files:
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
       CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC,
       PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USPATFULL, VETU,
       VTB
          (*File contains numerically searchable property data)
     CM
     CRN
         111059-81-5
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CMF Al . Fe . H O . Mg . O5 Si2 CCI TIS

CM 2

CRN 20328-07-8 CMF 05 Si2

CM 3

CRN 14280-30-9

CMF H O

OH-

CM 4

CRN 7439-95-4

CMF Mg

Mg

CM 5

CRN 7439-89-6

CMF Fe

Fe

CM 6

CRN 7429-90-5

CMF Al

Al

2203 REFERENCES IN FILE CA (1967 TO DATE)

30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2205 REFERENCES IN FILE CAPLUS (1967 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:167164

REFERENCE 2: 134:163919

REFERENCE 3: 134:147075

REFERENCE 4: 134:131307

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REFERENCE
            5:
                134:119652
            6:
                134:115328
REFERENCE
            7:
                134:109493
REFERENCE
            8:
                134:102170
REFERENCE
            9:
                134:100239
REFERENCE
REFERENCE 10:
                134:90112
L140 ANSWER 40 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     11118-57-3 REGISTRY
     Chromium oxide (9CI)
CN
                           (CA INDEX NAME)
OTHER NAMES:
CN
     Chrome oxide
     Chromic acid, chromium salt
CN
     11145-38-3, 58591-12-1, 37293-29-1, 188785-92-4
DR
MF
     Unspecified
CI
     COM, MAN
                  AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
LĊ
     STN Files:
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CEN,
       CHEMLIST, CIN, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB, NIOSHTIC, PIRA,
       PROMT, TOXLIT, TULSA, USPATFULL
     Other Sources: DSL**, EINECS**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
            4967 REFERENCES IN FILE CA (1967 TO DATE)
              71 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            4970 REFERENCES IN FILE CAPLUS (1967 TO DATE)
REFERENCE
            1: 134:167031
REFERENCE
                134:167021
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REFERENCE
            3:
                134:165966
REFERENCE
            4:
                134:163485
                134:155338
REFERENCE
            5:
REFERENCE
                134:153112
            6:
REFERENCE
            7:
                134:152975
REFERENCE
            8:
                134:151119
REFERENCE
            9:
                134:138219
REFERENCE 10:
                134:135516
L140 ANSWER 41 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     10101-66-3 REGISTRY
     Diphosphoric acid, ammonium manganese(3+) salt (1:1:1) (9CI) (CA INDEX
CN
     NAME)
OTHER CA INDEX NAMES:
     Pyrophosphoric acid, ammonium manganese(3+) salt (1:1:1) (8CI)
CN
OTHER NAMES:
CN
     Ammonium Manganese Pyrophosphate
     Ammonium manganese pyrophosphate ((NH4)MnP2O7)
CN
CN
     C.I. 77742
CN
     C.I. Pigment Violet 16
CN
     Manganese violet
```

CN Mango Violet CN Mineral Violet CN Nuremberg Violet MF H4 O7 P2 . H3 N . Mn CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIUDB, LC STN Files: MSDS-OHS, PIRA, PROMT, TOXLIT, USPATFULL Other Sources: DSL**, EINECS**, TSCA** (**Enter CHEMLIST File for up-to-date regulatory information) CRN (2466-09-3)

Mn(III)

NH3

69 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
69 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:163849

REFERENCE 2: 134:21304

REFERENCE 3: 133:271368

REFERENCE 4: 133:124951

REFERENCE 5: 132:54601

REFERENCE 6: 131:131018

REFERENCE 7: 131:88654

REFERENCE 8: 130:338977

REFERENCE 9: 129:246596

REFERENCE 10: 129:137384

L140 ANSWER 42 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **7727-43-7** REGISTRY

CN Sulfuric acid, barium salt (1:1) (8CI, 9CI) (CA INDEX NAME) OTHER NAMES:

CN A 15

CN A 15 (inorganic compound)

CN A 200

CN A 200 (sulfate)

CN Actybaryte

CN B 20HD

CN B 30

CN B 32

CN B 32 (sulfate)

```
CN
     B 33
CN
     B 33 (sulfate)
CN
     B 34
CN
     B 34 (sulfate)
CN .
     B 54
     B 54 (sulfate)
CN
CN
     BA
CN
     BA (sulfate)
CN
     Bakontal
     Bariace B 30
CN
CN
     Bariace B 54
     Baridol
CN
     Barifine BF 1
CN
     Barifine BF 10
CN
     Barifine BF 20
CN
     Barifine BF 21
CN
     Barifine BF 21F
CN
CN
     Barite BA
     Barite BC
CN
     Baritogen Deluxe
CN
CN
     Baritop
CN
     Baritop P
     Barium 100
CN
     Barium sulfate
CN
CN
     Barium sulfate (1:1)
     Barium sulfate (BaSO4)
CN
CN
     Barium sulphate
CN
     Barosperse
     Barotrast
CN
     Baryta White
CN
CN
     Barytes 22
CN
     Bb-Micro SP
CN
     BC
     BF 1
CN
     BF 1 (salt)
CN
CN
     BF 10
CN
     BF 1H
     BF 1L
CN
     BF 20
CN
     BF 20P
CN
     BF 33
CN
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
     29203-54-1
AR
     12751-32-5, 8054-35-1
DR
MF
     Ba . H2 O4 S
CI
     COM
LC
     STN Files:
                 AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
       APIPAT2, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS,
       CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
       CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB,
       IFIPAT, IFIUDB, IMSDIRECTORY, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
       PDLCOM*, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USAN,
       USPATFULL, VETU, VTB
         (*File contains numerically searchable property data)
                      DSL**, EINECS**, TSCA**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
CRN
    (7664-93-9)
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Ba

Tarox LL 50

Toda Color 100ED-PR101

Toda Color 160ED

TIC

CN CN

CN CN

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7512 REFERENCES IN FILE CA (1967 TO DATE)
              48 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            7522 REFERENCES IN FILE CAPLUS (1967 TO DATE)
            1: 134:170629
REFERENCE
            2:
                134:168093
REFERENCE
                134:168079
REFERENCE
            3:
                134:167042
REFERENCE
            4:
            5:
REFERENCE
                134:164506
REFERENCE
            6:
                134:164262
            7: 134:163904
REFERENCE
REFERENCE
                134:158699
            8:
REFERENCE
            9:
                134:155236
REFERENCE 10:
                134:152710
L140 ANSWER 43 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     1332-37-2 REGISTRY
                            (CA INDEX NAME)
CN
     Iron oxide (8CI, 9CI)
OTHER NAMES:
     AM 125
CN
     Ancor FR
CN
CN
     Ancor FY
CN
     Auvico AX 1000
     AX 1000
CN
CN
     BUS
     EP-A 0014382
CN
CN
     Gastromark
     Lautamasse
CN
CN
     Luxmasse
CN
     Magnet Black S 0045
     MAP 514
CN
CN
     MIO 2F
CN
     MIO 40GN
CN
     MIO-KS
CN
     MION 46L
CN
     NAT
CN
     NYB 40
CN
     Prodorite Filler
CN
     R 8098
CN
     SE-DBS
CN
     Siferrit
```

```
DR
     8075-66-9
MF
     Unspecified
CI
     COM, MAN
LC
     STN Files:
                  AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CEN,
       CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DIOGENES, EMBASE,
       IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXLINE,
       TOXLIT, TULSA, USPATFULL, VTB
     Other Sources: DSL**, EINECS**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
           12773 REFERENCES IN FILE CA (1967 TO DATE)
             207 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           12783 REFERENCES IN FILE CAPLUS (1967 TO DATE)
REFERENCE
            1: 134:168101
REFERENCE
            2:
                134:168100
REFERENCE
            3:
                134:168079
REFERENCE
            4:
                134:168070
REFERENCE
            5:
                134:168044
REFERENCE
            6:
                134:167968
REFERENCE
            7:
                134:167479
                134:167021
REFERENCE
            8:
            9: 134:167001
REFERENCE
REFERENCE 10: 134:166241
L140 ANSWER 44 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     1314-13-2 REGISTRY
CN
     Zinc oxide (ZnO) (9CI)
                             (CA INDEX NAME)
OTHER NAMES:
CN
     23K
     23K (metal oxide)
CN
     503R
CN
CN
     Actox 14
     Actox 16
CN
CN
     Actox 216
CN
     AEE-Zn 601
CN
     Amalox
CN
     AZ-SW
CN
     AZO
CN
     AZO 22
CN
     AZO 55
CN
     AZO 66
CN
     AZO 77
CN
     Azo-B
CN
     Azodox
     Biocide 3000D
CN
CN
     BTs 1
CN
     BTs 1 (pigment)
CN
     C 30
CN
     C 30 (oxide)
     Conductive Zinc Oxide No. 1
CN
     Electrox 2500
CN
CN
     Elma 21
CN
     Elma 215
```

CN

F 60

```
CN
     F 60 (antimicrobial)
CN
     FC-MI-W
     Finex 25
CN
     Finex 50
CN
     Finex 75
CN
CN
     FINX 75
CN
     Flowers of zinc
     FO 1020A
CN
CN
     FX
CN
     FX (oxide)
CN
     FX-UFZ-D
     GIAP 10
CN
     Green Seal 8
CN
     Hubbuck's White
CN
     K-Fresh MZO
CN
CN
     Kadox 15
     Kadox 25
CN
     Kadox 515
CN
     Kadox 72
CN
     Kadox 911
CN
CN
     Kadox 920
     Kadox 930
CN
CN
     Kadox XX 78
     LPZIN 8
CN
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
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DR
     8011-84-5, 8047-36-7, 8047-69-6, 8050-42-8, 8051-03-4, 56592-00-8,
     57206-86-7, 185461-95-4
MF
     O Zn
CI
     COM
LC
                  AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
     STN Files:
       APIPAT2, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD,
       CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE,
       CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE,
       HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
       PDLCOM*, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USAN,
       USPATFULL, VETU, VTB
         (*File contains numerically searchable property data)
                      DSL**, EINECS**, TSCA**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
0=== Zn
           50475 REFERENCES IN FILE CA (1967 TO DATE)
             620 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           50522 REFERENCES IN FILE CAPLUS (1967 TO DATE)
               2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
REFERENCE
            1: 134:172234
REFERENCE
            2:
                134:172180
REFERENCE
            3:
                134:172016
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            4:
                134:171814
REFERENCE
            5:
                134:171811
REFERENCE
                134:171807
            6:
REFERENCE
            7:
                134:171803
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REFERENCE

8:

134:171695

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REFERENCE
            9:
                134:171676
REFERENCE
          10:
                134:171675
L140 ANSWER 45 OF 46 REGISTRY COPYRIGHT 2001 ACS
     1309-37-1 REGISTRY
     Iron oxide (Fe2O3) (8CI, 9CI)
                                      (CA INDEX NAME)
OTHER NAMES:
CN
     .alpha.-Ferric oxide
CN
     .alpha.-Iron oxide
CN
     .gamma.-Ferric oxide
     .gamma.-Iron oxide (Fe2O3)
CN
CN
     .gamma.-MYD
CN
     100ED
CN
     1030AC1005
CN
     120ED
CN
     130ED
CN
     140ED
CN
     140M
CN
     160M
CN
     40G
CN
     Abdoscan
CN
     AQI 2199
CN
     Ariabel Sienna 300406
CN
     Auvicorb BL
CN
     B 4792
CN
     Bayer S 11
CN
     Bayferrox 105M
CN
     Bayferrox 110
CN
     Bayferrox 110M
     Bayferrox 111
CN
     Bayferrox 120
CN
     Bayferrox 120M
CN
CN
     Bayferrox 120N
CN
     Bayferrox 120NM
CN
     Bayferrox 130
CN
     Bayferrox 130B
CN
     Bayferrox 130BM
     Bayferrox 130M
CN
     Bayferrox 140
CN
     Bayferrox 140M
CN
     Bayferrox 180M
CN
CN
     Bayferrox 720N
CN
     Bayferrox 8220
CN
     Bayferrox BF 110
     Bayferrox Red 120FS
CN
CN
     Bayoxide E 8710
CN
     Bengara CH 2-223
CN
     Bengara CM 25P
CN
     Bengara EP 40
CN
     Bengara N 45
CN
     C 73
     C 73 (catalyst)
CN
     C 888-1045F
CN
CN
     C.I. 77491
CN
     C.I. Pigment Red 101
CN
     Cappoxyt Red 4437B
CN
     Caput Mortuum
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
     12000-93-0, 12002-17-4, 12227-87-1, 8011-97-0, 8049-50-1, 177715-24-1,
DR
     1343-09-5, 129131-59-5, 135507-53-8, 60880-86-6, 147229-90-1, 147229-91-2,
     90452-21-4, 110736-41-9, 160186-10-7, 188357-78-0, 220787-06-4,
     253310-52-0
     Fe2 03
MF
```

CI

COM, MAN

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LC
     STN Files:
                  AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT,
       CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,
       DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT,
       IFIUDB, IMSDIRECTORY, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*,
       PIRA, PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT, TULSA, ULIDAT,
       USPATFULL, VETU, VTB
         (*File contains numerically searchable property data)
                      DSL**, EINECS**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
           41014 REFERENCES IN FILE CA (1967 TO DATE)
             517 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           41045 REFERENCES IN FILE CAPLUS (1967 TO DATE)
               1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
                134:172199
REFERENCE
            1:
REFERENCE
            2:
                134:172185
REFERENCE
            3:
                134:172173
REFERENCE
            4:
                134:172142
REFERENCE
            5:
                134:172136
REFERENCE
            6:
                134:172128
                134:172101
REFERENCE
            7:
REFERENCE
                134:171803
            8:
REFERENCE
            9:
                134:171700
REFERENCE 10:
                134:170794
L140 ANSWER 46 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN
     1308-38-9 REGISTRY
CN
     Chromium oxide (Cr2O3) (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
     11661 Green
CN
CN
     200P2
CN
     Amdry 6410
     Amperit 704.0
CN
CN
     C.I. 77288
CN
     C.I. Pigment Green 17
CN
     Casalis Green
CN
     Chrome green
CN
     Chrome Green F 3
CN
     Chrome Green G 7
CN
     Chrome Oxide Green BX
CN
     Chrome Oxide Green GN
CN
     Chrome Oxide Green GN-M
CN
     Chrome Oxide Green GP
CN
     Chromia
CN
     Chromic oxide
CN
    Chromium oxide
     Chromium oxide (Cr8012)
CN
     Chromium Oxide Green
CN
CN
     Chromium Oxide Pigment
CN
     Chromium Oxide X1134
     Chromium sesquioxide
CN
CN
     Chromium(3+) oxide
CN
     CRO 2A
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CN

Dichromium trioxide

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CN
     G 112
CN
     G 112 (oxide)
CN
     G 4099
CN
     Green Chrome Oxide
CN
     Green chromic oxide
     Green chromium oxide
CN
CN
     Green cinnabar
     Green Oxide of Chromium
CN
     Kromex U 1
CN
CN
     \text{LC} \cdot 4
CN
     LC 4 (ceramic)
CN
     Levanox Green GA
CN
     Metco A-F 15
CN
     OKhP 1
     P 106F10
CN
CN
     PK 5304
CN
     Pure Chromium Oxide Green 59
CN
     Sicopal Green 9996
     165589-75-3, 12689-83-7, 164057-73-2, 144855-63-0, 185464-26-0,
DR
     196696-68-1
MF
     Cr2 03
CI
     COM, MAN
LC
                  AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
     STN Files:
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
       CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
       CSNB, DETHERM*, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
       MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, TOXLINE,
       TOXLIT, TULSA, ULIDAT, USAN, USPATFULL, VTB
         (*File contains numerically searchable property data)
                       DSL**, EINECS**, TSCA**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
           21289 REFERENCES IN FILE CA (1967 TO DATE)
             339 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           21304 REFERENCES IN FILE CAPLUS (1967 TO DATE)
               1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
REFERENCE
            1: 134:172143
REFERENCE
                134:170359
REFERENCE
                134:168810
REFERENCE
            4:
                134:168646
REFERENCE
            5:
                134:166948
REFERENCE
                134:166940
REFERENCE
                134:166558
REFERENCE
            8:
                134:166125
REFERENCE
            9:
                134:166038
REFERENCE
           10:
                134:166031
=> d bib abs hitrn tot
L163 ANSWER 1 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     2000:452473
                  HCAPLUS
DN
     133:79028
     Cosmetic powder coated with (fluoroalkyl)sulfonamide
TΙ
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group-containing silanes and cosmetics containing the
     powder
IN
     Odera, Mami; Furukawa, Yutaka
PA
     Asahi Glass Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 4 pp.
     CODEN: JKXXAF
DT
     Patent
     Japanese
LA
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
     -----
                      ____
                           -----
                                           -----
     JP 2000186016
ΡI
                      A2
                            20000704
                                           JP 1998-365136 19981222
OS
     MARPAT 133:79028
AB
     The cosmetic powder is coated with
     RfSO2NR1(CH2)mR23 (Rf = polyfluorohydrocarbyl; m = 1-5; R1 = H, alkyl,
     aryl; R2 = hydrolyzable group, C1-4 alkyl; .gtoreq.1 of R2 = hydrolyzable
     group). The cosmetics, which show good waterproofing and
     oil-repellent property and high spreadability, contain the coated
     powder. F(CF2)8SO2NH(CH2)3Si(OEt)3, sericite, mica,
     talc, red fe oxide, yellow
     fe oxide, black Fe oxide,
     TiO2, nylon powder, and hexane were mixed and hexane was
     evapd. from the mixt. to give cosmetic powder, which
     was compounded with liq. paraffin, dimethylpolysiloxane, vaseline, wax,
     perfume, and antiseptic to give a powder foundation.
IT
     1309-37-1, Red iron oxide,
     biological studies 12174-53-7, Sericite 12227-89-3,
     Black iron oxide 13463-67-7,
     Titania, biological studies 14807-96-6, Talc, biological studies
     51274-00-1, Yellow iron oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (powder; cosmetics with good waterproofing and
        oil-repellent property contg. powder coated with
        [(fluoroalkyl)sulfonamidoalkyl]silanes)
L163 ANSWER 2 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     2000:408793 HCAPLUS
AN
     133:48730
DN
ΤI
     Solid powder cosmetic compositions containing metal
     soap fine particles
     Ishida, Misaki; Endo, Saori; Sawada, Kohei
IN
PA
     Nippon Oil and Fats Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 8 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                      KIND
                           DATE
                                           APPLICATION NO.
                                                           DATE
                      ____
                            -----
PΙ
     JP 2000169342
                     A2
                           20000620
                                           JP 1998-346397
                                                            19981207
     The invention relates to a solid powder cosmetic
AB
     compn. providing long-lasting cosmetic effect and
     wrinkle-masking effect, wherein the compn. contains metal soap fine
     particles whose av. particle size and particle size distribution are
     specified. A powder foundation contg. magnesium
     stearate having av. particle size of 0.8 .mu.m 30, nylon powder
     10, talc 10, sericite 3.6, mica 15, kaolin 5, TiO2 10,
     TiO2-coated mica 3, red iron
     oxide 1, yellow iron oxide 3,
     black iron oxide 0.1, and other ingredients to
     100 % was prepd.
L163 ANSWER 3 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     2000:375243 HCAPLUS
DN
     133:8849
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ΤI
     Recent trends and prospective problems of foundation from the
     view points of beautiful and finishing effect
ΑU
     Kuroda, Ayako
     Pola R & D Lab., Yokohama, 221-0833, Japan
CS
     Fragrance J. (2000), 28(5), 40-46
SO
     CODEN: FUJAD7; ISSN: 0288-9803
PB
     Fureguransu Janaru Sha
DT
     Journal; General Review
LA
     Japanese
     A review with 9 refs. Topics discussed include development of
AB
     foundation additives such as TiO2-coated
     mica, Fe oxide-contg. TiO2, photochromic
     material, and capsulated pigments for beautiful finishing and appearance
     even under various light conditions for a long period.
L163 ANSWER 4 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     2000:356372 HCAPLUS
AN
DN
     133:8885
ΤI
     Pigments coated with N, N'-diacyl diamides for cosmetics
IN
     Tsubone, Kazuyuki
PA
     Kanebo, Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 3 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                      KIND DATE
     PATENT NO.
                                           APPLICATION NO. DATE
                      ----
                            -----
     JP 2000144010
                       A2
                            20000526
                                            JP 1998-315819
                                                             19981106
ΡI
OS
     MARPAT 133:8885
AB
     The invention provides a pigment coated with a metal salt of
     RCON[(CH2)nN(COR)AY]AY [RCO = C8-22 aliph. group; A = (OH- or
     carboxy-substituted) alkylene; n = 2-6; Y = carboxyl, sulfonyl], suitable
     for use in a cosmetic having improved moisturizing use feel. A
     pigment mixt. contg. titanium oxide, talc,
     mica, red iron oxide, yellow
     iron oxide, and black iron
     oxide was coated with ethylenediamine-N, N'-distearoyl-
     N, N'-disuccinic acid disodium salt. The coated pigment mixt.
     was then combined with other ingredients to obtain an oily
     cosmetic foundation.
IT
     1309-37-1, Red iron oxide,
     biological studies 12227-89-3, Black iron
     oxide 13463-67-7, Titanium oxide,
     biological studies 14807-96-6, Talc, biological studies
     51274-00-1, Yellow iron oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (pigments coated with N, N'-diacyl diamides for cosmetics)
L163 ANSWER 5 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     2000:344428 HCAPLUS
AN
DN
     132:352537
ΤI
     Non-aquerious oily makeup cosmetics
IN
     Sato, Norimasa
PA
     Kanebo, Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT
     Patent
     Japanese
LA
FAN.CNT 1
     PATENT NO.
                      KIND
                            DATE
                                            APPLICATION NO.
                                                             DATE
PΙ
     JP 2000143444
                       A2
                            20000523
                                            JP 1998-287692
                                                             19981009
PRAI JP 1998-253614
                      19980908
     The invention relates to a non-aq. oily makeup cosmetic
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IT

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DT

LA

PΙ

IT

RE

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having improved moisturizing and makeup effects without causing
    stickiness, wherein the cosmetic contg. pigment particles
    coated with agar having a gel strength of 400-800 g/cm2. A
    lipstick was formulated with agar-coated pigments contg. agar
    having a gel strength of 630-680 g/cm2 3, red 201 16, red 202 4.4,
    yellow iron oxide 2.2, Gunjo 2.9, and titanium
    mica 71.5 %, 13.5, paraffin 3, ceresin 5, candelilla wax 8,
    squalene 10, vaseline 15, castor oil 20, glyceryl tri-2-ethylhexanoate
     25.5 %.
    51274-00-1, Yellow iron oxide
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (non-aq. oily makeup cosmetics contg. agar-coated
       pigments)
L163 ANSWER 6 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    2000:314343 HCAPLUS
    132:325840
    Light-responding high color-rendering makeup cosmetic
    preparation
    Oqawa, Katsuki; Aso, Daisuke; Sakurai, Osamu; Ohno, Kazuhisa
    Shiseido Company Limited, Japan
    Eur. Pat. Appl., 30 pp.
    CODEN: EPXXDW
    Patent
    English
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
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                                          -----
                                                          -----
    EP 998901
                     A1 20000510
                                          EP 1999-121679
                                                           19991102
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO
    JP 2000198716 ·
                     A2
                           20000718
                                          JP 1999-309110
                                                           19991029
PRAI JP 1998-312308
                     19981102
    To obtain a makeup cosmetic prepn. having natural
    color-rendering property in response to intensity of surrounding light, a
    light-responding high color-rendering makeup cosmetic
    prepn. is characterized. Titanium oxide or
    titanium oxide compd., which has photochromic property
    to darken in response to intensity of irradiated UV ray, is coated
    on a surface of mica and metal or metal compd. The metal exists
    on a surface and/or inside of the photochromic titanium
    oxide-coated mica and color of the metal or
    metal compd. is obsd. as an object color, and wherein an observation color
    of the photochromic titanium oxide-coated
    mica is changed by emphasizing an interference color generated by
    darkening of titanium oxide layer. This layer is made
    of titanium oxide or the titanium
    oxide compd. in response to UV irradn., and wherein at least 1 of
    the color tone in the cosmetics. is given by an observation
    color. Thus, a face powder contained photochromic
    titanium oxide coated mica 15,
    sericite 10, globular powder of organopolysiloxane elastomer 5,
    boron nitride 20, iron oxide 3, magnesium carbonate 3,
    conventional photochromic titanium oxide 1, globular
    aluminum powder 4, squalane 2, glyceryl trioctanoate 3, and
    sorbitan sesquioleate 1 parts, antiseptic and perfume qs, and talc
    balance.
    13463-67-7, Titanium dioxide, biological
    studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (light-responding high color-rendering makeup
     cosmetic prepn.)
RE.CNT
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(1) Kao Corp; EP 0887067 A 1998 HCAPLUS
(2) Kimura, A; ZAIRYO GIJUTSU 1998, V16(2), P51 HCAPLUS
(3) Shiseido Co Ltd; JP 07223816 A 1995 HCAPLUS
(4) Shiseido Co Ltd; JP 07258580 A 1995 HCAPLUS
(5) Shiseido Co Ltd; JP 09165532 A 1997 HCAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT
L163 ANSWER 7 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     2000:267145 HCAPLUS
DN
     132:283929
ΤI
     Cosmetic makeup compositions containing agar-coated
     colorants
IN
     Sano, Hiromitsu; Sato, Norimasa
PA
     Kanebo, Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
     Japanese
LA
FAN.CNT 1
    PATENT NO.
                   KIND DATE
                                         APPLICATION NO. DATE
     ______
                                         ------
     JP 2000119135 A2 20000425
ΡI
                                          JP 1998-287691 19981009
AB
    This invention relates to cosmetic makeup
    powders which comprise agar-coated colorants. The agar
     is characterized having a gel strength of 400-800 g/cm2 upon
     solidification of a 1.5 % aq. soln. The makeup compn. provides
     a long-lasting cosmetic effect. A powder compn.
     contg. red iron oxide 0.5, yellow
     iron oxide 1.2, black iron
    oxide 0.1, ultramarine blue 3.7, titania 5.2,
    mica titanium 6.5, mica 34.8, talc 40.0, and nylon
    powder 5.0 parts was treated with agar. A powder
     foundation contained the above powder 94, paraffin oils
     4, squalane 1, and octyldodecyl myristate 1 %.
IT
    1309-37-1, Red iron oxide,
    biological studies 12174-53-7, Sericite 12227-89-3,
    Black iron oxide 13463-67-7,
     Titania, biological studies 14807-96-6, Talc, biological studies
     51274-00-1, Yellow iron oxide
    57455-37-5, Ultramarine blue
    RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
     chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
        (cosmetic makeup powder compns. contg.
       agar-coated colorants)
L163 ANSWER 8 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
    2000:197936 HCAPLUS
DN
     132:241683
ΤI
    Loose powder foundations containing porous ceramics or
    pigments with good gas permeability and their manufacture.
IN
     Inoue, Noriyuki
PA
    Nihon Busho K. K., Japan; JC Community K. K.
SO
     Jpn. Kokai Tokkyo Koho, 4 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                     KIND DATE
                                          APPLICATION NO. DATE
     PATENT NO.
                     ____
                                          _____
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                          -----
                          20000328
                                          JP 1998-297500 19980914
PΙ
    JP 2000086444
                     A2
AΒ
    The foundations, which show good wrinkle-masking effect, high
    gas permeability, and appropriate covering capacity, contain (a) base
    materials such as talc, pigments, etc., (b) mice coated with .gtoreq.1
     selected from (i) Zn, ZnO, or Zn(OH)2, (ii) Al, Al2O3, or Al(OH)3, and
     (iii) Ti, TiO2, or Ti(OH)4, (c) ceramics and/or pigments with
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high refractive index which have 3-900 .ANG. pore or through-hole, (d)

oxides, (e) superfine particles of talc, and (f) optional flax cellulose crystal powder. Also claimed is a method for the manuf. of the foundations. 1314-13-2, Zinc oxide, biological studies IΤ 13463-67-7, Titanium oxide, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (mica coated with; loose powder foundations contg. porous high-refractive index ceramics or pigments with wrinkle-masking effect and good gas permeability) IT 14807-96-6, Talc, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (superfine particles; loose powder foundations contg. porous high-refractive index ceramics or pigments with wrinkle-masking effect and good gas permeability) L163 ANSWER 9 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1999:640677 HCAPLUS ΑN DN 131:262515 ΤI Inorganic composite powders for cosmetics IN Miyazaki, Takumi; Tanaka, Hirokazu PA Catalysts & Chemicals Industries Co., Ltd., Japan SO PCT Int. Appl., 22 pp. CODEN: PIXXD2 DT Patent Japanese T.A FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE ____ WO 9949834 19991007 ΡI Α1 WO 1999-JP1502 19990325 W: JP, KR, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE .20010110 EP 1066818 EP 1999-910691 19990325 Α1 R: DE, FR, GB, IT PRAI JP 1998-87837 19980401 WO 1999-JP1502 19990325 AB Disclosed are an inorg. composite powder having a satisfactory covering ability and a feeling of transparency, and a cosmetic comprising the inorg. composite powder which can cover a defect on a human skin such as a wrinkle, while maintaining a natural feeling of appearance. The inorg. composite powder comprises a flake substrate and two or more inorg. oxides laminated thereon in decreasing order of refractive index, wherein the difference in the refractive index between the outerlayer inorg. oxide and interlayer inorg. oxide is .ltoreq. 0.6, or the thickness of at least one layer of the interlayers falls within .+-.20 % of the value d, defined by the formula: d = (.lambda. .times. X/4)/n, wherein .lambda., X and n represent a wave length of a visible ray, an odd integer, and a refractive index of an inorg. oxide of the layer, resp. cosmetic preferably utilizes an inorg. composite powder having an outermost layer comprising an inorg. oxide having a refractive index of .ltoreq. 1.5. Mica was coated with titanium oxide, zirconium oxide, aluminum oxide, and silica to make an inorg. composite powder. The inorg. composite powder was combined with other ingredients for making a cake foundation contg. the inorg. composite powder 30, sericite 36, mica 10, TiO2 5, red iron oxide 0.4, yellow iron oxide 1.6, black iron oxide 0.05, sorbitan fatty acid ester 2.5, stearyl alc. 6, lanolin 5, liq. paraffin 2, triethanolamine 1, methylparaben 0.45 and perfume q.s. to 100 %. IT 1314-13-2, Zinc oxide, biological studies **7727-43-7**, Barium sulfate **10043-11-5**, Boron nitride,

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biological studies 12174-53-7, Sericite 13463-67-7,
     Titanium oxide, biological studies 14807-96-6,
     Talc, biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (inorg. composite powders for cosmetics contg.
       layered inorg. oxides with specified refractive indexes)
RE.CNT
RE
(1) Anon; JP 930917 A 1997
(2) Anon; JP 930935 A 1997
(3) Anon; JP 971417 A 1997
(4) Nippon Sheet Glass Co Ltd; JP 971417 A 1997, P3
L163 ANSWER 10 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1999:583103 HCAPLUS
ΑN
DN
     131:219016
    Makeup cosmetics containing powder coated
ΤI
    with organic red pigments and translucent powder
     Suzuki, Yuka; Nakamura, Takeshi; Nakamura, Tadao
IN
     Pola Chemical Industries, Inc., Japan
PA
SO
     Jpn. Kokai Tokkyo Koho, 9 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                                           APPLICATION NO.
                                                            DATE
     PATENT NO.
                      KIND DATE
                      ____
                           _____
                                           _____
PΙ
     JP 11246351
                       A2
                            19990914
                                           JP 1998-62266
                                                            19980226
     The cosmetics, which conceal spots and freckles, give natural
AB
     appearance to face, and are compatible to sensitive skin, contain (A) base
    powder successively coated with a org. red pigment
    powder layer and a layer contg. translucent powder, (B)
     alkyl-modified carboxyvinyl polymers and/or their physiol. acceptable
     salts, and optionally (C) nonionic surfactants with HLB 3-7 at 25.degree.
     and 1 atom. The translucent powder may contain Fe oxide
     and/or yellow org. pigments. A mixt. of 20 parts Japan Red 202 and 80
     parts Fe-doped mica was milled with 70 parts fumed silica gel to
     give translucent red powder. An O/W foundation was
    prepd. from jojoba oil 4, squalane 2, hexamethylcyclotrisiloxane 3,
     microcryst. wax 2, cetyl palmitate 2, sucrose fatty acid esters 1,
     sorbitan sesquioleate 0.2, butylparaben 0.1, Pemulen TR 2 0.5,
     1,3-butanediol 8, glycerin 2, methylparaben 0.2, triethanolamine 0.6,
     Tipaque TTO-F 6 (TiO2) 8, yellow Fe
     oxide 3, red Fe oxide 1, talc 5, the
     red powder 3, and H2O 55.4%.
     1309-37-1, Iron oxide (Fe2O3), biological studies
ΙT
     1314-13-2, Zinc oxide, biological studies
     1332-37-2, Iron oxide, biological studies 7727-43-7,
     Barium sulfate 12174-53-7, Sericite 12227-89-3,
     Black iron oxide 14807-96-6, Talc,
     biological studies 51274-00-1, Yellow iron
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (makeup cosmetics contg. powder coated
        with org. red pigments and translucent powder and
        alkyl-modified carboxyvinyl polymer for natural appearance)
L163 ANSWER 11 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1999:518662 HCAPLUS
DN
    131:161467
     Makeup cosmetics containing alumina and rutile-type
ΤI
IN
     Ikeda, Tomoko; Ogawa, Katsumoto; Murui, Ikuo
PA
     Shiseido Co., Ltd., Japan
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SO
     Jpn. Kokai Tokkyo Koho, 8 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                     KIND DATE
                                          APPLICATION NO. DATE
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                                           -----
PΙ
                     A2
                           19990817
                                           JP 1998-38123
                                                           19980204
     Title cosmetics, which show luster and hiding power, contain
AB
    Al203 and rutile-type Ti mica having red interference
     color. A pressed powder was prepd. from sericite 20.0,
     TiO2 3.0, porous spherical silica 5.0, Al2O3 10.0,
     Flamenco Satin Red (Ti mica) 3.0, pigments
     3.0, squalane 3.0, glycerin triisooctanoate 2.0, antiseptic, perfume, and
     talc to 100 wt.%.
IT
     224961-12-0, Flamenco Satin Red
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (makeup cosmetics contg. alumina and rutile-type Ti
     mica)
L163 ANSWER 12 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
    1999:380660 HCAPLUS
DN
    131:49204
ΤI
    Makeup compns. containing titania
IN
    Kuroda, Akihiro
PA
     Kanebo, Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                     KIND DATE
                                          APPLICATION NO. DATE
     PATENT NO.
                     ____
                           -----
                                           -----
                           19990615
                                                           19971201
ΡI
    JP 11158035
                      A2
                                           JP 1997-347104
AΒ
    Wrinkle- and rough skin-preventing cosmetics contain titania
    having primary particle size of 0.001-0.15 and secondary particle size of
     0.6-2.0 .mu.m. The titania is an anatase crystal and shows strong
    aggregation property. The titania is further coated with
    hydroxide and/or oxide of Al, Si, Ti and/or Zn. A
    cosmetic foundation contained the coated
    titania 20.0, silicone-treated talc 20, silicone-treated sericite 24.3,
     silicone-treated mica 20, silicone-treated titania
    ultramicroparticles 2.5, white petrolatum 3.0, dimethylpolysiloxane 3.0,
    UV absorber 3.0, squalane 1.0, and preservatives to 100 wt. %.
IT
     1314-13-2, Zinc oxide, biological studies
     RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
    chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
        (Makeup compns. contg. titania)
TΤ
     13463-67-7, Titania, biological studies
     RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
     chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
        (makeup compns. contg. titania)
L163 ANSWER 13 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1999:147721 HCAPLUS
ΑN
DN
    130:187020
ΤI
    Colorant-containing silica-coated powders for cosmetic
    manufacturing
IN
    Nishikata, Kazuhiro; Suzuki, Yuka; Nakamura, Tadao
PA
    Pola Chemical Industries, Inc., Japan
SO
     Jpn. Kokai Tokkyo Koho, 7 pp.
    CODEN: JKXXAF
DT
    Patent
LA
    Japanese
FAN.CNT 1
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KIND DATE
     PATENT NO.
                                         APPLICATION NO. DATE
                           -----
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                     ____
                                          -----
     JP 11060444 A2
                           19990302
PΙ
                                          JP 1997-237763
                                                           19970819
AB
     Powders for manufg. cosmetics [foundations]
     comprise a core layer selected from mica, sericite, talc,
     titanium mica, titanium sericite, titania, zinc
     oxide, anhyd. silica, zirconia, aluminum oxide, barium
     sulfate and iron oxide and colorant-contg. silica as
     coating layer. The colorants are e.g. yellow
     iron oxide and red color 226.
     1314-13-2, Zinc oxide, biological studies
IT
     1332-37-2, Iron oxide, biological studies 7727-43-7,
     Barium sulfate 12174-53-7, Sericite 13463-67-7,
     Titania, biological studies 51274-00-1, Yellow
    iron oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (colorant-contg. silica-coated powders for cosmetic
       manufg.)
L163 ANSWER 14 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1999:107023 HCAPLUS
AN
DN
     130:158296
ΤI
    Acrylic polymer-coated powders and coating compositions
    containing the powders
    Kamata, Tsutomu; Nishimura, Hiroatsu; Sakazaki, Yukari
TN
PΑ
     Pola Chemical Industries, Inc., Japan
SO
    Jpn. Kokai Tokkyo Koho, 7 pp.
    CODEN: JKXXAF
DT
     Patent
    Japanese
ΤÆ
FAN.CNT 1
                 KIND DATE
                                         APPLICATION NO. DATE
     PATENT NO.
                           -----
                                          _____
                                      JP 1997-205188
    JP 11035639 A2
PΙ
                           19990209
                                                           19970715
AΒ
    Powders coated with polymers prepd. from monomers
     contg. acrylic acid as a component are claimed. Compns. e.g.
     cosmetics, pharmaceuticals, paints, inks, etc., contg. the
     coated powders are also claimed. The coated
    polymers prevent formation of peroxides on the skin. Powders of
     TiO2, ZnO, yellow iron oxide, Fe2O3,
    black iron oxide, or C black were
    coated with an aq. compn. contg. Acrylic acid-.alpha.-
    methylstyrene-styrene copolymer. A foundation contg. each of
    the above polymer-coated powders, sericite,
    mica, talc, and dimethicone showed lower skin-irritating effect
     than a control foundation contg. uncoated powders.
ΙT
    1309-37-1, Red iron oxide,
    biological studies 1314-13-2, Zinc oxide,
    biological studies 12227-89-3, Black iron
     oxide 13463-67-7, Titania, biological studies
     51274-00-1, Yellow iron oxide
    RL: BUU (Biological use, unclassified); PRP (Properties); TEM (Technical
     or engineered material use); THU (Therapeutic use); BIOL (Biological
     study); USES (Uses)
        (acrylic polymer-coated powders as antioxidants for
     cosmetics, pharmaceuticals, paints, inks, etc.)
L163 ANSWER 15 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1999:101059 HCAPLUS
DN
     130:213459
ΤI
     Skin cosmetics
    Nishimoto, Kazuhiro
ΙN
     Seven Kagaku K. K., Japan
PA
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
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CODEN: JKXXAF

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DT
     Patent
LA
     Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                         APPLICATION NO. DATE
    JP 11035422 A2 19990209 JP 1997-205518 19970716
PΙ
AB
    Skin cosmetics showing improved titania dispersibility and UV
    protection effects comprise polyurethane [e.g. hexamethylene
     isocyanate-trimethylolhexyl lactone polymer] powder-
     coated titania particles. A powder foundation
     contained the coated titania 10, sericite 25, talc 45.
     mica 5, red iron oxide 0.6,
    yellow iron oxide 1.9, black
     iron oxide 0.1, squalane 5, octyldecyl myristate 2,
     lanolin 3, glyceryl tri-2-ethylhexanoate 2. antioxidants, preservatives
    and perfumes to 100 wt.%.
ΙT
    13463-67-7, Titania, biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (skin cosmetics contg. polyurethane powder-coated
       titania particles)
L163 ANSWER 16 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
    1999:81276 HCAPLUS
DN
    130:129774
TΙ
    Cosmetics
ΤN
    Suzuki, Fukuji; Yagita, Yoshiaki
PΑ
    Shiseido Co., Ltd., Japan
SO
    Jpn. Kokai Tokkyo Koho, 14 pp.
    CODEN: JKXXAF
DТ
    Patent
LA
    Japanese
FAN.CNT 1
    PATENT NO.
                    KIND DATE
                                         APPLICATION NO. DATE
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                                         ______
                                                         _____
    JP 11029429 A2 19990202 JP 1997-197747 19970708
PΙ
AB
    Cosmetics contain thin mica [0.2-2.mu.m-thick; 0.1-2
    mm length] coated with metal oxide and/or metal
    hydroxide. Metals are e.g. titanium, iron and zinc. An eye shadow
    contained mica 30, sericite 20, talc 15, colorants 15, pearly
    agents 5, squalane 10, methylpolysiloxane 4 and sorbitan isostearate 1
    parts.
ΙT
    13463-67-7, Titania, biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetics contg. mica coated with metal
     oxide and/or metal hydroxide)
L163 ANSWER 17 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
    1998:558653 HCAPLUS
DN
    129:207009
TΙ
    Sericin-coated powders for cosmetics
IN
    Yamada, Hideyuki; Okano, Yuri
PA·
    NOEVIR Co., Ltd., Japan; Seiren Co., Ltd.
SO
    Jpn. Kokai Tokkyo Koho, 9 pp.
    CODEN: JKXXAF
DT
    Patent
LA
    Japanese
FAN.CNT 1
                    KIND DATE
    PATENT NO.
                                         APPLICATION NO.
                                                        DATE
    JP 10226626 A2 19980825
                                         -----
                                                         -----
PΙ
                                         JP 1997-50897
                                                          19970218
AB
    Powders coated with sericin or its hydrolyzates are
    used for cosmetics to conceal skin defects and provide smooth
     and lustrous skin. Talc was immersed in an aq. soln. contg. sericin
    hydrolyzates and after centrifugation, the product was dried at 70.degree.
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to obtain a sericin hydrolyzate-coated talc. By the same
    manner, mica, titania, iron oxide, nylon, and
    polystyrene powder were coated with a sericin
     hydrolyzate. A makeup compn., such as a foundation
     and eyeliner, was formulated contg. the above products.
ΙT
    1309-37-1, Red iron oxide,
    biological studies 12174-53-7, Sericite 12227-89-3,
    Black iron oxide 13463-67-7,
     Titania, biological studies 14807-96-6, Talc, biological studies
     51274-00-1, Yellow iron oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (powders; sericin-coated powders for
      cosmetics)
L163 ANSWER 18 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1998:430639 HCAPLUS
ΑN
    129:85848
DN
TI
    UV-blocking cosmetics containing titanium
IN
     Tomita, Yuriko; Shimoyama, Masahide
PA
     Kosei Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 6 pp.
SO
    CODEN: JKXXAF
DΤ
     Patent
LA
     Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
     ______
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                                                          _____
                A2
                          19980707
                                          JP 1996-358774 19961227
PI
    JP 10182351
    Title cosmetics, which show good spreadability and compatibility
AB
    with skin, contain (a) spindle- or needle-shaped TiO2 fine
    particles having minor axis 0.005-0.1 .mu.m and major axis 0.01-0.5 .mu.m
    and (b) TiO2-coated extender pigments contg. Fe.
    powder foundation was prepd. from spindle-shaped
     TiO2 (minor axis 0.015 .mu.m, major axis 0.075 .mu.m) 5, sericite
    coated with TiO2 and Fe oxide 10, TiO2
    particle 10, talc 20, vaseline 1, liq. paraffin 1, 2-ethylhexyl
    p-methoxycinnamate 2, di-Me polysiloxane 1, other additives, and
    mica to 100%.
ΙT
    1332-37-2, Iron oxide, biological studies 12174-53-7,
    Sericite 13463-67-7, Titanium oxide,
    biological studies
    RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (UV-blocking cosmetics contg. TiO2 and pigments
       coated with TiO2 and Fe compds.)
L163 ANSWER 19 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
    1998:364822 HCAPLUS
DN
    129:71937
ΤI
    Cosmetic stock for preventing skin roughening and improving
    moisture retention
IN
    Hase, Noboru
PA
    Kao Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 24 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
     _____
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                                          -----
     JP 10152410
                      A2
                           19980609
                                          JP 1996-311941
                                                           19961122
PΤ
    MARPAT 129:71937
OS
GI
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$$R^{1}$$
 0 X $R^{3}-R^{4}$ R^{2} 0 I

The stock with good coatability contains (a) amide compds. I

(R1, R2 = C1-40 hydrocarbyl optionally contg. OH group; R3 = C1-6

alkylene; R4 = H, C1-12 alkoxy group or 2,3-dihydroxypropyloxy group; R4 =

H when R3 = single bond; X = OH, glycidoxy, glyceryl) with m.p.

0-50.degree. and (b) hydrophobilized pigments. Reactin of

3-methoxypropylamine with tetradecyl glycidyl ether, amidation with Me

hexadecanoate, reaction with epichlorohydrin, ring opening with acetic

acid, and base hydrolysis gave I with R1 = C14H29, R2 = C15H31, R3 =

(CH2)3, R4 = OCH3, and X = glyceryl; m.p. 27.degree.. A powder

foundation comprised TiO2 10, sericite 30, mica

the balance, kaolin 5, 0.8, iron oxide red 0.8, iron

oxide yellow 2.5, iron oxide black 0.1 [all pigments

treated with (C8F17CH2CH2O)2P(O)OH], I 8.0, beeswax 2.0, preservative 0.2,

and perfume 0.01%.

1309-37-1, Iron oxide red, biological studies 12174-53-7
, Sericite 12227-89-3, Iron oxide black 13463-67-7,
 Titanium oxide, biological studies 51274-00-1,
 Iron oxide yellow
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (cosmetic stock for preventing skin roughening and improving moisture retention)

L163 ANSWER 20 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:360626 HCAPLUS

DN 129:99813

TI **Cosmetic** stock for preventing skin roughening and improving moisture retention

IN Imai, Takeo; Kajiwara, Keigo; Hirose, Tomoko

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 26 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN. CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 10152427 A2 19980609 JP 1996-311940 19961122

OS MARPAT 129:99813

GΙ

$R^{1}OCH_{2}CH(X)CH_{2}N(R^{3}R^{4})COR^{2}$ I

AB The stock with good **coatability** contains (a) amide compds. I (R1, R2 = C1-40 hydrocarbyl optionally contg. OH group; R3 = C1-6 alkylene; R4 = H, C1-12 alkoxy group or 2,3-dihydroxypropyloxy group; R4 = H when R3 = single bond; X = OH, glycidoxy, glyceryl) with m.p. 0-50.degree., (b) hydrophobilized pigments, and (c) nonvolatile liq. oils, semi-solid or solid fats and waxes. Reactin of 3-methoxypropylamine with tetradecyl glycidyl ether, amidation with Me hexadecanoate, reaction with epichlorohydrin, ring opening with acetic acid, and base hydrolysis gave I with R1 = C14H29, R2 = C15H31, R3 = (CH2)3, R4 = OCH3, and X = glyceryl;

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m.p. 27.degree.. A powder foundation comprised
    mica 37.49, talc 4.8, TiO2 14, mica titan 3.5,
     iron oxide (red, yellow, black) 8.2, Zn oxide
     4.5, Al oxide 10, Ba sulfate 5, I 6.0, lanolin 3, vaseline 1,
     iso-Pr myristate 1, preservative 1.5, and perfume 0.01%.
IT
     1309-37-1, Iron oxide red, biological studies 12174-53-7
     , Sericite 12227-89-3, Iron oxide black 13463-67-7,
     Titanium oxide, biological studies 51274-00-1,
     Iron oxide yellow
     RL: BSU (Biological study, unclassified); BUU (Biological use,
     unclassified); BIOL (Biological study); USES (Uses)
        (cosmetic stock for preventing skin roughening and improving
       moisture retention)
L163 ANSWER 21 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1998:274952 HCAPLUS
AN
DN
     129:17091
TI
     Pearly luster pigments comprising blue synthetic micas which
     contain reduced titanium and coatings, cosmetics, inks, and
    plastics therefrom
ΙN
     Takao, Yuji; Yamamoto, Masaru; Ishikawa, Tomohito
PΑ
     Topy Industries, Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT
     Patent
T.A
     Japanese
FAN.CNT 1
                     KIND DATE
                                          APPLICATION NO. DATE
     PATENT NO.
     JP 10114867 A2 19980506
PΙ
                                          JP 1996-287264
                                                           19961011
AΒ
     Title pearly pigments comprise synthetic micas with blue color
    which contain reduced Ti and are coated with metal
     oxides. Thus, 10 parts TiO2 was blended with 100 parts
    mixt. of K fluorosilicate 18.2, K2CO3 4.7, Mg2O 28.2, Al2O3 11.9, and SiO2
     37.0%, heated at 1450.degree. in the presence of C (reducing agent), and
     cooled to give blue mica crystals contg. 5% Ti. Flakes from the
    mica crystals (20 g) in 400 mL H2O were reacted with 300 mL
     titanyl sulfate soln. at 100.degree. for 3 h, filtered, and fired at
     800.degree. for 1 h to give pearly pigments having glossy blue color.
IT
    13463-67-7, Titania, processes
     RL: PEP (Physical, engineering or chemical process); PROC (Process)
        (prepn. of pearly pigments comprising Ti-contg. synthetic micas
       with glossy blue color for coatings, cosmetics, inks, and
       plastics)
L163 ANSWER 22 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
    1998:210619 HCAPLUS
DN
     128:299351
TI
    UV protectants
    Kojima, Hiroyuki; Tomono, Norihiro
IN
PA
     Ichimaru Pharcos Inc., Japan
SO
     Jpn. Kokai Tokkyo Koho, 12 pp.
    CODEN: JKXXAF
DT
     Patent
LA
    Japanese
FAN.CNT 1
                     KIND
     PATENT NO.
                           DATE
                                          APPLICATION NO. DATE
                           -----
     JP 10087469 A2
                                      JP 1996-265394
ΡI
                           19980407
                                                            19960913
    UV protectants contain titania, titania-coated mica
     and/or zinc oxide and phenolic compds., esp. tannins.
     The UV protectants are useful for manufg. sunscreens, facial
    powders, eyeliners, eyeshadow creams, and cream or solid
    cosmetic foundations.
IT
     1314-13-2, Zinc oxide, biological studies
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13463-67-7, Titania, biological studies

AN DN

TI

ΙN PA

SO

DT

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PΙ

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ΑN DN

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RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (UV protectants and cosmetics contg. UV protectants) L163 ANSWER 23 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1997:630751 HCAPLUS 127:267826 UV-shielding agents for cosmetic manufacturing Yoshino, Osayuki; Suzuki, Fukuji Shiseido Co., Ltd., Japan Jpn. Kokai Tokkyo Koho, 13 pp. CODEN: JKXXAF Patent Japanese FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE ---------------____ _____ A2 19970922 JP 1996-84684 JP 09249542 19960312 UV-shielding agents contain WO3 microparticles coated with Al oxide, zirconia and/or silica and then subjected to hydrophobic treatment and have particle size 5-200 nm, preferably 5-50 nm. The UV-shielding agents are useful for manufg. cosmetics. As an example, a powder foundation contained talc 15.0, mica 20.0, sericite 19.7, the microparticles 10.0, titanium mica 3.0, zinc stearate 1.0, red iron oxide 1.0, yellow iron oxide 3.0, black iron oxide 0.2, nylon powder 10.0, squalane 6.0, lanolin acetate 1.0, octyldodecyl myristate 2.0, neopentyl glycol diisooctanoate 2.0, sorbitan monooleate 0.5, preservatives, antioxidants and perfumes to 100 parts. L163 ANSWER 24 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1997:587110 HCAPLUS 127:225113 Cosmetic foundations Nakamura, Takeshi Pola Chemical Industries, Inc., Japan Jpn. Kokai Tokkyo Koho, 6 pp. CODEN: JKXXAF Patent Japanese FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE --------------------A2 JP 09227336 19970902 JP 1996-54238 19960216 Compns. for application under a foundation comprise 1-2 wt.% titanium mica (titania-coated mica). As an example, the compn. contained titania-coated mica 2, liq. paraffin 3, neopentyl glycol diisooctanoate 15, POE stearate 0.5, glycerol monostearate 3.5 diglycerol monooleate 1, stearic acid 1.5, butylparaben 0.1, 1,3-butanediol 5, methylparaben 0.3, triethonolamine 1.5, red iron oxide 0.05, yellow iron oxide 0.5 and water to 100 parts. 13463-67-7, Titanium oxide, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (mica coated with; cosmetic foundations contg. titania-coated mica) L163 ANSWER 25 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1997:579784 HCAPLUS 127:210223 Cosmetics containing zinc oxide-coated inorganic powders Katsuyama, Tomosuke; Kimura, Asa; Watanabe, Naoko Shiseido Co., Ltd., Japan; Katsuyama, Tomosuke; Kimura, Asa; Watanabe,

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Naoko
SO
     PCT Int. Appl., 28 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                      KIND
                            DATE
                                           APPLICATION NO.
                                                           DATE
                      ----
                            19970828
                                           WO 1997-JP478
PΙ
     WO 9731068
                       A1
                                                            19970221
         W: KR, US
         RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
     JP 09227792
                      A2
                            19970902
                                          JP 1996-60197
                                                            19960221
     EP 848044
                       Α1
                            19980617
                                           EP 1997-904592
                                                            19970221
         R: DE, FR, GB, IT
                     19960221
PRAI JP 1996-60197
     WO 1997-JP478
                      19970221
AΒ
     Disclosed are a powder excellent in spreadability without
     detriment to the fatty acid-solidifying power inherent in zinc
     oxide and an external prepn. for skin made by using the
    powder. A zinc oxide-coated
     material is characterized by being prepd. by applying amorphous
     zinc oxide on a substrate. For example, 3 % ZnO-
     coated mica was treated with silicone and used in
     formulating powdery foundation.
ΙT
     1309-37-1, Iron oxide, biological studies 1314-13-2,
     Zinc oxide, biological studies 13463-67-7,
     Titanium oxide, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (cosmetics contg. zinc oxide-coated
        inorg. powders)
L163 ANSWER 26 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1997:542772 HCAPLUS
ΑN
DN
     127:180948
ΤI
     Water-repellent and antimicrobial powders and powder
     cosmetics containing them
TN
    Matsui, Junichi; Okabe, Bunichi; Sano, Hiromitsu
PA
    Kanebo, Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 6 pp.
SO
     CODEN: JKXXAF
DT
     Patent
     Japanese
LA
FAN.CNT 1
                      KIND DATE
     PATENT NO.
                                           APPLICATION NO. DATE
     ______
PΙ
     JP 09208401
                 A2
                            19970812
                                           JP 1996-35571
                                                            19960129
AB
     Antimicrobial cosmetics contain title powders
     comprising 0.001-0.1 .mu.m antimicrobial powders coated
     with acylated amino acids at coating amt. 0.5-20 wt.%. A mixt.
     of N-lauroyl-L-lysine, NaOH, and H2O was added to a mixt. of ZnO (av.
    particle size 0.02 .mu.m), HCl, and H2O to give a modified powder
     , 4 wt.% of which was mixed with silicone-treated TiO2 19,
     silicone-treated mica 19, silicone-treated talc 19,
    silicone-treated sericite 16, silicone-treated red iron
     oxide 1.5, silicone-treated yellow iron
     oxide 3, silicone-treated black iron
     oxide 0.5, nylon powder 5, squalane 6, di-Me
     polysiloxane 2, hydrocarbon 3, and octyldodecyl myristate 2 wt.% to prep.
     a durable powder foundation.
IT
     1314-13-2, Zinc oxide, biological studies
     RL: BAC (Biological activity or effector, except adverse); BUU (Biological
     use, unclassified); BIOL (Biological study); USES (Uses)
        (antimicrobial powders coated with water repellents for
      cosmetics)
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L163 ANSWER 27 OF 85 HCAPLUS COPYRIGHT 2001 ACS

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ΑN
     1997:390487 HCAPLUS
DN
     127:39534
ΤI
     Makeup cosmetic powders containing
     DNA-coated colorants and oily substances
IN
     Sano, Hiromitsu; Sato, Norimasa
PA
     Kanebo, Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                            DATE
     PATENT NO.
                      KIND
                                           APPLICATION NO.
                                                           DATE
                      ____
                            _____
                                           _____
                            19970520
                                           JP 1995-317403
PΙ
     JP 09132513
                       Α2
                                                            19951110
AB
     Makeup cosmetic powders, which have
     long-lasting moisturizing and cosmetic effect, contain DNA- or
     its water-sol. salt-coated colorants and 0.5-30 wt.% oily
     substances. A foundation was formulated contq. liq. paraffin,
     talc, and DNA K-coated Fe oxide, TiO2,
     mica, and sericite.
IT
     1309-37-1, Red iron oxide,
     biological studies 12174-53-7, Sericite 12227-89-3,
     Black iron oxide 13463-67-7,
     Titanium oxide (TiO2), biological studies
     51274-00-1, Yellow iron oxide
     57455-37-5, Ultramarine blue
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (makeup cosmetic powders contq.
        DNA-coated colorants and oily substances)
L163 ANSWER 28 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1997:286453 HCAPLUS
DN
     126:268326
TI
     UV-shielding cosmetics containing polyarylates
IN
     Tanaka, Takumi
PA
     Daito Kasei Kogyo Co Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 9 pp.
     CODEN: JKXXAF
DΤ
     Patent
LA
     Japanese
FAN.CNT 1
                            DATE
     PATENT NO.
                      KIND
                                           APPLICATION NO.
                                                            DATE
                           _____
                                           ______
PI
     JP 09052818
                            19970225
                       A2
                                           JP 1995-203670
                                                            19950809
GI
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AB Title cosmetics, which show transparency and good UV absorbability, contain polyarylates I (R1, R2 = alkyl, allyl, aryl; n .gtoreq. 5) or colorants coated with I. Talc, TiO2, sericite, mica, and iron oxides were dispersed in a CH2C12 soln. of polyarylate [prepd. from 2,2-bis(4-hydroxyphenyl)propane, terephthalic acid, and isophthalic acid] to prep. polyarylate-coated colorants. A pressed powder foundation was formulated from the talc 54.0, the TiO2 5.0, the sericite 27.9, the mica 5.0, the red iron oxide 0.5, the yellow iron oxide

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1.0, the black iron oxide 0.1, lanolin 1.0,
     liq. paraffin 3.5, iso-Pr myristate 2.0 wt. parts, antioxidant, and
     antiseptic to 100 parts.
ΙT
     1309-37-1, Red iron oxide,
     biological studies 12174-53-7, Sericite 12227-89-3,
     Black iron oxide 13463-67-7,
     Titanium oxide, biological studies 14807-96-6,
     Talc, biological studies 51274-00-1, Yellow
     iron oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (UV-shielding cosmetics contg. colorants coated with
       polyarylates)
L163 ANSWER 29 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1997:253614 HCAPLUS
DN
     126:242621
TI
    Makeup cosmetics containing acrylic resin-coated
     pearly pigments
IN
     Ogawa, Katsumoto; Kumagai, Shigenori
PA
     Shiseido Co Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT
     Patent
     Japanese
LΑ
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                          APPLICATION NO. DATE
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                                          -----
PT
     JP 09048707
                      A2
                          19970218
                                          JP 1995-218218
                                                           19950803
AΒ
     The cosmetics contain .gtoreq.1 coated pigments
     comprising .gtoreq.1 flake pearly pigments selected from Ti mica
     , Fe oxide-coated mica, and low-order
     TiO2-coated Ti mica, whose surfaces are
     coated with spherical microfine particles of acrylic resins at wt.
     ratios of the pearly pigments to the acrylic resins 60:40 to 40:60.
     Ti mica flakes (TiO2 content 29%, av. particle size 6
     .mu.m) was coated with spherical poly(Me methacrylate) (I) (av.
    particle size 0.7 .mu.m) at (Ti mica)/I wt. ratio of 55/45, by
     slurrying in an aq. alc. soln. and spray drying. A solid
     foundation contg. the coated Ti mica at 5 wt. %
    was spread on human skin. The skin showed good light reflection
     characteristics, i.e. transparency like bare skin.
IT
    1332-37-2, Iron oxide, biological studies
     13463-67-7, Titanium oxide, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (mica coated with; makeup
     cosmetics contg. spherical acrylic resin-coated flake
       pearly pigments)
L163 ANSWER 30 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1997:189478 HCAPLUS
ΑN
     126:190764
DN
TΙ
    Cosmetics and surface treating agents containing
     fluorodecyltris (hydroxydimethylsiloxy) silane
IN
     Yoshida, Masashi; Fukui, Hiroshi
PΑ
     Shiseido Co Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                          APPLICATION NO. DATE
     ------
                     ____
                           _____
                                          ______
     JP 09002920
                      A2
                           19970107
                                          JP 1995-156503
PT
                                                            19950622
AB
     Cosmetics and surface treating agents contg.
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ΑN DN

TI

IN PΑ

SO

DT

LA

PI

AB

ΙT

ΑN DN

ΤI

AU

CS

SO

PB

DT

LA

ΙT

1996:658801 HCAPLUS

C8F17CH2CH2Si(OSiMe2OH)3 (I) are claimed. Makeup cosmetics contg. I or powders coated with I show water- and sebum-resistance and are stable against e.g. sweating, washing and swimming. A water- and oil-repellent solid foundation contg. TiO2 5.9, talc 23.9, globular polystyrene 20.0, mica 43.0, Fe oxide 7.0, I 2.0 wt.%, paraben, antioxidants, and perfumes was prepd. L163 ANSWER 31 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1997:189462 HCAPLUS 126:190761 Powders coated with polyacrylates and cosmetics containing them Nishihama, Shuji; Yokozuka, Akihito; Kumagai, Shigenori Shiseido Co Ltd, Japan Jpn. Kokai Tokkyo Koho, 6 pp. CODEN: JKXXAF Patent Japanese FAN.CNT 1 KIND DATE APPLICATION NO. DATE PATENT NO. ---------______ JP 08337514 A2 19961224 JP 1995-170355 19950613 Cosmetics contain powders, which show hydrophobicity and good adhesion with the skin, comprising inorg. and/or org. powders coated with copolymers of acrylic acids and/or their esters. A mixt. of mica 10, talc 20, TiO2 10, and Fe oxide 5 parts was treated with 5 parts Dermacryl 79 (octylacrylamide acrylic resin) in 50 parts EtOH. A solid foundation was prepd. contg. the treated powder 85, lanolin 5, liq. paraffin 5, sorbitan sesquioleate 2, stearic acid 1.5, triethanolamine 1 wt.%, antiseptics, and perfumes. 1314-13-2, Zinc oxide, biological studies 1332-37-2, Iron oxide, biological studies 13463-67-7, Titanium oxide, biological studies 14807-96-6, Talc, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (powders coated with polyacrylates for cosmetics) L163 ANSWER 32 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1997:33582 HCAPLUS 126:190719 Recent advancements in pearlescent pigments technology Uzunian, G. Mearl Corporation, New York, NY, 10510, USA SOFW J. (1996), 122(15), 1041-1042,1044,1046,1048 CODEN: SOFJEE; ISSN: 0942-7694 Verlag fuer Chemische Industrie H. Ziolkowsky Journal English TiO2-coated mica pigments were modified resulting in a broad range of color effects combined with controlled luster. By reducing the particle size to 6 .mu., transparency and luminescence were maintained. The characteristics of interference pigments were discussed and the distinguishing properties and potential applications of the smaller particles in novel cosmetics were explored. 13463-67-7, Titanium oxide (TiO2), biological studies RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (cosmetic pearlescent pigments with smaller particle size) L163 ANSWER 33 OF 85 HCAPLUS COPYRIGHT 2001 ACS

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DN
     125:338668
TΙ
     Development of neo-chiaroscuro cosmetic makeup using
     mica coated with titanium lower oxides
ΑU
     Nishihama, Shuji
CS
     Shiseido Basic Res. Lab., Shiseido Co., Ltd., Yokohama, 223, Japan
so
     Fragrance J. (1996), 24(10), 55-63
     CODEN: FUJAD7; ISSN: 0288-9803
DT
     Journal; General Review
LA
     Japanese
AΒ
     A review with 6 refs. on properties of mica coated
     with Ti lower oxides and their application to cosmetic
     bases and foundations.
IT
     13463-67-7, Titanium oxide (TiO2),
    biological studies
     RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
     study); USES (Uses)
        (development of neo-chiaroscuro makeup product using
     mica coated with Ti lower oxides)
L163 ANSWER 34 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1996:593758 HCAPLUS
ΑN
    125:230190
DN
TΤ
    Core-shell-type colorants and cosmetic makeups
     containing the colorants
ΙN
    Myazawa, Masakazu; Nishikata, Kazuhiro
PA
     Pola Kasei Kogyo Kk, Japan
SO
     Jpn. Kokai Tokkyo Koho, 9 pp.
     CODEN: JKXXAF
DT
     Patent
    Japanese
LA
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                          APPLICATION NO. DATE
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                                                           -----
     JP 08188723 A2 19960723
                                          JP 1995-1435 19950109
PΙ
AΒ
     Core-shell-type colorants comprising thin plate-type mica as
     cores and dye(red iron oxide)-contg. titania
     as coatings and cosmetic makeups contg. the
     core-shell-type colorants are claimed. As an example, a facial
    powder contained the colorants 5.0, nylon powder 35.0,
     sericite 19.7, talc 30.5, yellow iron oxide
     1.5, red iron oxide 1.0, ultramarine
     1.0, paraben 0.2, dimethylpolyosiloxane 2.0, liq. paraffin 4.0, and
     perfumes 0.1 wt.%. The cosmetics covered and smoothened the
     wrinkle and freckle on the skin.
ΙT
    1309-37-1P, Red iron oxide,
    biological studies 13463-67-7P, Titania, biological studies
     RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified);
     BIOL (Biological study); PREP (Preparation); USES (Uses)
        (core-shell-type colorants and cosmetic makeups
       contg. the colorants)
L163 ANSWER 35 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1996:590324 HCAPLUS
AN
DN
     125:230189
ΤI
     Core-shell-type colorants and cosmetic makeups
     containing the colorants
IN
    Myazawa, Masakazu; Nishikata, Kazuhiro
PA
     Pola Kasei Kogyo Kk, Japan
     Jpn. Kokai Tokkyo Koho, 6 pp.
SO
     CODEN: JKXXAF
DT
     Patent.
LA
     Japanese
FAN.CNT 1
                     KIND DATE
                                           APPLICATION NO.
                                                           DATE
     PATENT NO.
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PΙ

JP 08183911

A2 19960716

JP 1994-327353

19941228

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AB
     Core-shell-type colorants showing skin color are prepd. contg. thin
     plate-type cores and colorant-contg. titania as coatings, in
     which thin plate-type colorant : titania coating ratio is 10:90
     - 40: 60 (color: titania in the coatings = 3: 97-18:82). A
     powder foundation contained sericite 18.5, talc 20.0,
     mica 5.0, red iron oxide 1.0,
     titanium mica 5.0, titania 5.0, ultramarine 0.2,
     colorants ( mica as cores and red iron
     oxide-contg. titania as coatings) 30.0,
     dimethylpolysiloxane 5.0, liq. paraffin 10.0 and perfumes 0.1 wt.%.
     1309-37-1P, Red iron oxide,
ΙT
     biological studies 13463-67-7P, Titania, biological studies
     RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified);
     BIOL (Biological study); PREP (Preparation); USES (Uses)
        (core-shell-type colorants and cosmetic makeups
        contg. the colorants)
L163 ANSWER 36 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1996:588381 HCAPLUS
DN
     125:230212
ΤI
     Oily makeup cosmetics containing DNA-coated pigments
IN
     Sato, Nobumasa
PA
     Kanebo Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese.
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
                      ____
                           _____
                                           -----
                            19960806
     JP 08198728
                       A2
                                           JP 1995-26100
                                                            19950119
PΙ
     The title cosmetics, which show long-lasting moisturizing
AB
     effect, comprise pigments coated with DNA or their water-sol.
     salts and oil ingredients. A lipstick was prepd. from paraffin 4.0,
     candelilla wax 8.0, ceresin 3.0, lanolin 10.0, vaseline 15.0, oleyl alc.
     15.0, castor oil 25.0, and 2% DNA K salt-coated pigments
     (comprising Red No.201 1.2, Red No.202 0.3, yellow iron
     oxide 1.5, TiO2 2.3, black iron
     oxide 0.3, and Ti-mica 6.0 wt.%) 11.6, and
     caprylic/capric triglyceride to 100.0 wt.%.
ΙT
     1309-37-1, Red iron oxide,
     biological studies 12174-53-7, Sericite 12227-89-3,
     Black iron oxide 13463-67-7,
     Titanium oxide, biological studies 51274-00-1,
     Yellow iron oxide 57455-37-5,
     Ultramarine blue
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (oily makeup cosmetics contg. DNA-coated pigments)
L163 ANSWER 37 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1996:523790 HCAPLUS
AN
DN
     125:150771
ΤI
     Titania-coated iron oxide as colorants for manufacturing skin
     cosmetics
IN
     Nishikata, Kazuhiro; Myazawa, Masakazu
PA
     Pola Kasei Kogyo Kk, Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                      KIND
                            DATE
                                           APPLICATION NO.
     PATENT NO.
                                                             DATE
                      ____
PΙ
     JP 08134374
                       A2
                            19960528
                                           JP 1994-269493
                                                             19941102
AB
     Iron oxide cores are coated with titania [iron
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oxide : titania = 10:90-90:10 wt. ratio] for use as colorants in
    manufg. skin cosmetics. The colorants further contain a silica
     layer between the core and the titania coating layer. The
     colorants appeared natural and prevented flash light-related colorless
     phenomena. A cosmetic makeup contained sericite
     27.98, talc 60.00, red iron oxide 0.20,
     titanium oxide 0.10, ultramarine 0.04, paraben
     0.20, mica 1.00, yellow iron oxide
     0.45, titania and silica-coted yellow iron
     oxide (colorant) 2.00, di-Me polysiloxane 4.00, liq. paraffin 4.00
     and perfumes 0.03 wt.%.
     1332-37-2, Iron oxide, biological studies 13463-67-7,
     Titania, biological studies 51274-00-1, Yellow
     iron oxide
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (titania- and silica-coated iron oxide as colorants for manufg. skin
     cosmetics)
L163 ANSWER 38 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1996:256584 HCAPLUS
    124:298452
    Skin-color adjusting compositions containing colored titanium
    oxide-coated mica
    Kimura, Asa; Tanaka, Toshihiro; Yoshida, Mari; Yagita, Yoshiaki
    Shiseido Co., Ltd., Japan
    Eur. Pat. Appl., 40 pp.
    CODEN: EPXXDW
    Patent
    English
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                          APPLICATION NO.
                                                           DATE
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    EP 701810
                     A1
                           19960320
                                          EP 1995-306450
                                                           19950914
        R: DE, ES, FR, IT
    JP 08081332 A2
                           19960326
                                          JP 1994-247314
                                                           19940914
    JP 08081333
                      A2
                           19960326
                                          JP 1994-247315
                                                           19940914
                      B2
    JP 3109390
                           20001113
                      A2
                                          JP 1994-247316
    JP 08081334
                           19960326
                                                           19940914
    US 5690916
                                          US 1995-528110
                      Α
                           19971125
                                                           19950914
PRAI JP 1994-247314
                     19940914
    JP 1994-247315
                     19940914
    JP 1994-247316
                     19940914
    In order to render a hyperchromic portion of the skin relatively
    inconspicuous, e.g. to cover blemishes caused by nevus, angioma, red face,
    spots or freckles, a material is applied that transmits light
    complementary to the undesirable skin color. This can be done without
    affecting the translucent texture of the skin. A suitable material for
    this purpose is colored titanium oxide-coated
    mica coated with iron oxide having an av.
    particle diam. of 60-150 nm. A powdery foundation
    contained talc 20.0, sericite 38.8, titanium oxide-
     coated mica 9.0, titanium dioxide
    11.0, globular polystyrene 5.0, red iron oxide
     0.6, yellow iron oxide 1.8, black
     iron oxide 0.1, D&C Red No 30 0.2, paraben 0.5, liq.
    paraffin 5.0, dimethylsilicone 5.0, sorbitan monoisostearate 2.0, ceresin
     1.0%.
    1309-37-1, Iron oxide, biological studies
     13463-67-7, Titanium oxide, biological studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (skin-color adjusting compns. contg. colored titanium
     oxide-coated mica)
```

ΙT

ΑN

DN ΤI

IN PA

SO

DT

LA

PΙ

AΒ

ΙT

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ΑN
     1996:244122 HCAPLUS
DN
     124:324956
ΤI
     Development of Neo-chiaroscuro makeup product using mica
     coated titanium lower oxides
AU .
     Tanaka, Toshihiro; Nishihama, Shuji; Kumagai, Shigenori; Kimura, Asa;
     Suzuki, Fukuji
CS
     Shiseido Res. Center, Japan
SO
     J. SCCJ (1996), 29(4), 353-71
     CODEN: JOSCDQ; ISSN: 0387-5253
DT
     Journal
LA
     Japanese
AΒ
     A newly developed "Neo-chiaroscuro" makeup presents a new
     concept based upon light reflection and absorption to the conventional
     technique. This new makeup provides versatility to the
     conventional technique and made it applicable to any condition and
     lighting environment, and does not require any makeup skill. A
     new cosmetic material which made Neo-chiaroscuro makeup
     is titanium lower oxides coated mica. By
     using the new cosmetic material, we have developed a
     makeup product which is designed to reflect the light coming from
     the front to made a light portion and absorb the light coming aslant to
     make a dark portion. Application study was carried out with
     makeup base and foundation formulated with this new
     material. The distribution of brightness indicated that the front view
     looks always bright and the side view looks always dark regardless of the
     directions of observation. Further, the results of the subjective
     observation also showed that the exptl. products exhibit the highlighting
     and contouring makeup effect, which is typically represented by
     such expressions as "the face looks slim: or "the nose looks shapely"
     irresp. of indoor or outdoor environments.
IT
     13463-67-7, Titanium oxide, biological studies
     RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
     chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
        (Neo-chiaroscuro makeup product using mica
      coated titanium lower oxides)
L163 ANSWER 40 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1996:34583 HCAPLUS
DN
     124:66209
TI
     Photochromic compounds for manufacturing skin preparations
IN
     Ikuta, Yukie; Suzuki, Fukuji
PΑ
     Shiseido Co Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 8 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                                          APPLICATION NO. DATE
     PATENT NO.
                     KIND DATE
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                                          -----
     JP 07258580
PΙ
                     A2
                          19951009
                                          JP 1994-78088
                                                           19940323
AB
     In prepn. of photochromic compds. for manufg. skin prepns., a
     titanium dioxide layer contg. a metal which is able to
     form metal oxides with titanium oxide is
     coated on a thin plate base (e.g. mica) and sintered at
     500-700.degree. to form cryst. particles having particle size 8.8-20.8nm
     when measured at K = 0.9 (Sherrer's equation) and high photochromic
     property. The photochromic substances showed reversible color changes
     after light irradn. A powder foundation contained
     photochromic substances 40.0, talc 10.0, sericite 29.5, spherical nylon
    powder 8.0, polydimethylsiloxane 5.0, 2-ethylhexyl palmitate 5.0,
     sorbitan sesquioleate 1.5, preservatives 0.9, and perfumes 0.1 %.
IT
     1332-37-2P, Iron oxide, biological studies 13463-67-7P,
     Titanium oxide, biological studies
     RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified);
     BIOL (Biological study); PREP (Preparation); USES (Uses)
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(Prepn. of photochromic compds. for manufg. skin prepns.)

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L163 ANSWER 41 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1995:967532 HCAPLUS
ΑN
DN
     124:37376
TΤ
     Oily cosmetics for point makeup containing colorants
     treated with N-acyllysines
TN
     Egawa, Juichiro
PA
     Kanebo Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO.
                                                            DATE
                            -----
                                      JP 1994-60284
     JP 07242515 A2
                            19950919
PΙ
                                                            19940303
AB
     The title makeup cosmetics contain .gtoreq.1 synthetic
     org. food dyes and their lakes which are surface-treated with
     N-acyllysines. The cosmetics are prevented from dyeing of skin
     and lip and the makeups keep long. An oil base 71.0, perfume ad
     lib, antioxidant ad lib, Japan Red 104 Al lake treated with
     N-lauroyllysine (I) 4.0, Japan Red 202 treated with I 0.3, Japan Yellow 4
     Al lake treated with I 1.0, Japan Blue 1 Al lake treated with I 0.1,
     TiO2 2.0, titanated mica 2.0, titanated mica
     coated with red Fe oxide 3.0 wt.%,
     and glycerin trioctanoate balance were mixed to give a lipstick.
L163 ANSWER 42 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1995:922153 HCAPLUS
DN
     123:349884
ΤI
    Makeup cosmetics containing aluminum-coated inorganic
    powders
     Ito, Yasuaki; Sakatani, Hisanori
IN
PA
     Nonogawa Shoji Yk, Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                      KIND
                           DATE
     PATENT NO.
                                           APPLICATION NO.
                                                            DATE
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                                           -----
     JP 07228509 A2 19950829
PΙ
                                           JP 1994-44909
                                                             19940217
    Makeup cosmetics contg. flaky inorg. powders coated with Al powders. The inorg. powders coated
AΒ
     with Al powders show high regular reflection and enhance visual
     difference in height between concave and convex parts of face. An eye
     shadow contg. prussian blue-coated titanated mica further coated
     with Al powders was formulated.
IT
     1309-37-1, Red iron oxide,
     biological studies 1332-37-2, Iron oxide, biological
     studies
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (titanated mica coated with; makeup
      cosmetics contg. inorg. powders coated with
        Al powders)
L163 ANSWER 43 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1995:693803 HCAPLUS
ΑN
DN
     123:92931
TΙ
     Pigments coated with colored metal oxide gels for cosmetics
     Mitani, Hiroaki; Sakai, Kazuo; Ueda, Tsutomu
IN
PA
     Kira Keshohin Kk, Japan; Fuji Pigment
SO
     Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
DT
     Patent
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LA
     Japanese
FAN.CNT 1
                                        APPLICATION NO. DATE
                     KIND DATE
     PATENT NO.
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                           19950523 JP 1993-282391 19931111
     JP 07133211 A2
ΡI
AB
     The pigments are prepd. by coating inorg. base materials having
     smooth surface or globular inorg. base materials with metal oxide
     gels contg. colorants. The metal oxide gels may be prepd. from
     a material soln. contg. metal alkoxides, H2O, acids, and alcs. ay sol-gel
     method. The pigments are not irritating to skin and allergenic, give
     natural and transparent appearance to skin, and are prevented from
     discoloration by sweat and sebum because colorants are included in
     coating of gel without exposing on surface of the pigment. A
     coating compn. contg. red Fe oxide,
     Ethocel (dispersing agent) Me2CHOH, Si(OEt)4, H2O, and HNO3 was poured
     onto mica and the mixt. was gradually heated from room temp. to
     60.degree., further heated to 150.degree., and then kept at 150.degree.
     for 1 h to give mica coated with SiO2 gel contg.
     red Fe oxide. A face powder contg.
     the coated mica was formulated.
TΤ
     1309-37-1, Red iron oxide,
     biological studies 51274-00-1, Yellow iron
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
     (Uses)
        (pigments coated with colored metal oxide gels for cosmetics)
L163 ANSWER 44 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑŃ
     1995:687282 HCAPLUS
DN
     123:92923
ΤI
     Cosmetics containing powders coated with
     2-methacryloyloxyethylphosphorylcholine polymers
     Shaku, Masao; Ookura, Sayuri; Kuroda, Hideo; Ooba, Ai; Nakabayashi, Norio
IN
PΑ
     Pola Kasei Kogyo Kk, Japan; Nakabayashi Norio
SO
     Jpn. Kokai Tokkyo Koho, 10 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
PΙ
     JP 07118123 A2 19950509
                                         JP 1993-260652 19931019
AB
     Cosmetics contain powders coated with
     polymers, obtained by polymn. using 2-methacryloyloxyethylphosphorylcholin
     e (I) as one of the monomers. The cosmetics show
     moisture-retaining ability. Yellow Fe oxide
     5.7, Ti oxide 23.3, red Fe
     oxide 2.0, talc 17.6, sericite 16.4, ultramarine 0.4,
     Prussian blue 0.4, Ca silicate 8.2, silica gel 8.2, black
     Fe oxide 0.4, mica 16.4, and I homopolymer 1
     wt.% were mixed and pulverized to give powder. Cosmetic
     foundation contg. the powder was formulated.
ΙT
     1309-37-1, Red iron oxide,
     biological studies 12174-53-7, Sericite 12227-89-3,
     Black iron oxide 13463-67-7,
     Titanium oxide, biological studies 14807-96-6,
     Talc, biological studies 51274-00-1, Yellow
     iron oxide 57455-37-5, Ultramarine
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (powder; cosmetic powders coated with
        methacryloyloxyethylphosphorylcholine polymers)
L163 ANSWER 45 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1995:331155 HCAPLUS
ΑN
DN
     122:89130
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ΤI
     Solid cosmetics having moisturizing effect
ΙN
     Endo, Yoshinori; Yoshioka, Takatsugu
PA
     Procter and Gamble Co., USA
     PCT Int. Appl., 17 pp.
SO
     CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 1
                      KIND
     PATENT NO.
                            DATE
                                          APPLICATION NO. DATE
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                            ______
                                           _____
                            19941208
ΡI
     WO 9427560
                      A1
                                           WO 1994-US5310 19940513
        W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KP, KR, KZ,
             LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT,
             UA, UZ, VN
         RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
             BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
     AU 9470178
                            19941220
                                         AU 1994-70178
                      Α1
                                                            19940513
PRAI US 1993-67309
                      19930526
     US 1994-217992
                      19940325
     WO 1994-US5310
                      19940513
     The invention relates to a pressed cosmetic compn. which has a
AB
     high level of moisturizing agent and adequate cake hardness, contg. 70-99%
     powder colorant and 1-30% a binder base contg. moisturizing agent
     and nonionic surfactant which is in liq. or paste form at 25.degree..
     binder base also meets at least one of the following requirements: the
     nonionic surfactant is at least one fifth by wt. of the moisturizing
     agent; or the binder base is a lipophilic gel having a resistivity of at
     least 10,000 .OMEGA..cm at room temp. For example, a lipophilic gel
     binder base contg. glycerol 5.0, propylparaben 0.05, diglyceryl
     diisostearate 5.5, and water 1.0% was sprayed on to a powder
     mixt. contg. mica 56.2, methicone-coated mica
     15.0, titania 10.0, nylon-12 5.0, yellow iron
     oxide 1.5, black iron oxide 0.25,
     red iron oxide 0.4, and methylparaben 0.1%.
     The final mixt. was deagglomerated, sifted, and pressed into a
     powder foundation.
L163 ANSWER 46 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1994:563708 HCAPLUS
DN
     121:163708
TΙ
     two layer-type cosmetics for UV protection
     Nishikata, Kazuhiro; Shiozawa, Junji; Nakamura, Tadao
IN
PA
     Pola Kasei Kogyo Kk, Japan
SO
     Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
DT
     Patent
     Japanese
LA
FAN.CNT 1
                      KIND
                                           APPLICATION NO.
     PATENT NO.
                           DATE
                                                           DATE
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                                           _____
                            19940603
PΙ
     JP 06157262
                      A2
                                           JP 1992-304130
                                                            19921113
AB
     Two layer-type cosmetics for UV protection consist of (A) an
     adhesive substance-contg. makeup compn. and (B) an UV protectant
     powder compn. Thus, an adhesive substance-contg. makeup
     compn. composed of ethanol, 1,3-butylene glycol. purified water,
     methylparaben, and acrylic acid-Et acrylate-Bu acrylate copolymer was
     applied to the skin, followed by application of an UV protectant
     powder compn. composed of spherical nylon powder,
     titanium oxide, talc, mica, red
     iron oxide, ultramarine, paraben,
     yellow iron oxide, mica-
     coated titanium oxide, liq. paraffin,
     squalane, and octyl p-methoxybenzoate.
IT
     13463-67-7, Titanium oxide (TiO2),
     biological studies
     RL: BIOL (Biological study)
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(double layer-type cosmetics contg., for UV protection)

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L163 ANSWER 47 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1994:417746 HCAPLUS
ΑN
     121:17746
DN
TΙ
     Powdery cosmetics containing mica particles
     coated with titania and silica
     Nishikata, Kazuhiro; Nakamura, Tadao; Shiozawa, Junji
IN
PA
     Pola Kasei Kogyo Kk, Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                           APPLICATION NO.
                                                           DATE
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                                           _____
     JP 06056628
                      Α2
                            19940301
                                           JP 1992-211495
                                                            19920807
PI
AB
     Cosmetic powders contain mica particles
     coated with TiO2 and then with SiO2. The
     cosmetics are effective in covering freckle yet give transparent
     feeling. Talc 21.40, mica 10.00, sericite 15.00, TiO2
     20.00, yellow Fe oxide 5.50, red
     Fe oxide 2.40, ultramarine 0.50, claimed flaky
     powder 6.00, nylon powder 5.00, paraben 0.20, squalane
     7.00, silicone oil 4.00, and liq. paraffin 3.00 wt.% were mixed and made
     into a powdery foundation. Organoleptic scores of the
     foundation were 4.1 for covering capacity and 4.2 for transparent
     appearance, vs. 3.8 and 2.9, resp. for a control foundation.
     13463-67-7, Titania, miscellaneous
IT
     RL: MSC (Miscellaneous)
        (mica particles coated with silica and, powdery
      cosmetics contg., for freckle covering and transparent
        appearance)
     57455-37-5, Ultramarine
IT
     RL: BIOL (Biological study)
        (mice coated with titania and silica and, cosmetics contg.,
        for freckle covering and transparent appearance)
TT
     1332-37-2, Iron oxide, miscellaneous
     RL: MSC (Miscellaneous)
        (mice coated with titania and silica and, cosmetics contg.,
        for freckle covering and transparent appearance)
IT
     51274-00-1, Yellow iron oxide
     RL: BIOL (Biological study)
        (mice triple-coated with titania and silica and, cosmetics
       contg., for freckle covering and transparent appearance)
L163 ANSWER 48 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1994:307032 HCAPLUS
DN
     120:307032
TΙ
    Black iron oxide coated thin filler pigments
ΑU
     Noguchi, Tamio
CS
     Res. Dev. Sect., Merck Japan Ltd., Iwaki, 970-04, Japan
SO
     J. SCCJ (1993), 27(3), 304-13
     CODEN: JOSCDQ; ISSN: 0387-5253
DT
     Journal
LA
     English
AΒ
     Black iron oxides are used to prep.
     make-up products having black color tone.
                                                The color of
    black iron oxides on the market shows
     yellowish and reddish black color tone. Black iron
     oxide is formed by the oxidn. of Fe(OH)2 obtained by mixing NaOH
     soln. and FeSO4 soln. A mechanistic study is investigated. In the wet
    method, several kinds of iron compds. are formed such as Fe(OH)2, Green
     Rust, Fe304, Fe00H, Fe00H and polynuclear complex contg. [Fe2(OH)3]3+ and
     Fe2(OH)202+. It is difficult to produce black iron
```

oxide consisting uniform particle because the particle size and

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the particle shape are different by the reaction condition such as concn.
     of alk. soln. and iron salts soln., oxidn. condition of green rust contg.
     Fe(OH)2, kinds of iron salts and reaction temp. Therefore, black
     iron oxide having high chroma can not be produced by
    heterogeneous pptn. method. The chem. structure of black
     iron oxide is written as (FeO)x(Fe2O3)y.
    black iron oxide (Fe304), the theor. Fe0
     content is 23.8%. The black iron oxide
     contg. below 10% FeO, the color is brown. The authors have developed thin
     filler pigment coated with uniform black
     iron oxides in the crystal shape. The uniform
    black iron oxide were pptd. on the thin filler
    pigment by homogeneous pptn. using iron salts and urea.
    particle size of black iron oxides on thin
     filler pigment depended on kinds of iron salts as raw materials.
    The pigment having 0.3um of black iron
    oxide in mean particle size was very stable in thermal stability
    and very much higher in chroma. Black iron
    oxide coated mica having interference
    color were formed from hydrolysis of Iron salts using urea.
                                                                  The authors
    studied to confirm the ratio of Fe (III)/Fe (II) of the formed
    black iron oxide by ion chromatog. in
    comparison with the color tone of produced pigment. And the
    crystal structure could be analyzed by Moessbauer spectrum. The
    black iron oxide in interference
    colored pigments consisted of .gamma.-Fe2O3 and Fe3O4.
    1317-61-9P, Iron oxide (Fe3O4), preparation 12227-89-3P,
    Black iron oxide
    RL: PREP (Preparation)
        (prepn. of, for thin filler pigments coating for make-
     ups)
L163 ANSWER 49 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1994:86103 HCAPLUS
    120:86103
    Makeup cosmetic powders containing
    monoacyl-type phospholipid-coated pigments
    Sato, Norimasa
    Kanebo Ltd, Japan
    Jpn. Kokai Tokkyo Koho, 8 pp.
    CODEN: JKXXAF
    Patent
    Japanese
FAN.CNT 1
                      KIND
                                           APPLICATION NO. DATE
    PATENT NO.
                            DATE
    JP 05255042
                      A2
                            19931005
                                           JP 1992-89368
                                                            19920314
    MARPAT 120:86103
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TΤ

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PΙ

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GI

AB Makeup cosmetic powders contain pigments coated with ROCH2CH(OH)CH2X or HOCH2CH(OR)CH2X [R = COC15H31, COC17H35; X = OP(O)(O-)O(CH2)2NH3+, OP(O)(O-)O(CH2)2N+Me3, Q].cosmetics show skin-moisturizing effect. Pigments (contg. mica 68.5, TiO2 15.0, red iron

```
oxide 0.6, black iron oxide 0.2, and
     yellow iron oxide 1.7 wt.%) (740 g) was
     dispersed in H2O contg. 20 g l-palmitoyl-3-glycerylphosphorylcholine at
     .apprx.50.degree. for 60 min and the mixt. was dried and pulverized to
     give a powder. A cosmetic foundation contg.
     86.0% the powder was formulated.
IT
     1309-37-1, Red iron oxide,
     biological studies 12227-89-3, Black iron
     oxide 13463-67-7, Titania, biological studies
     51274-00-1, Yellow iron oxide
     57455-37-5, Ultramarine (pigment)
     RL: BIOL (Biological study)
        (lysophospholipid-coated, makeup cosmetics contg.,
        moisturizing)
L163 ANSWER 50 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1994:14658 HCAPLUS
DN
     120:14658
ΤI
     Sunscreens containing UV absorber powders
ΙN
     Kumagai, Shigenori
PΑ
     Shiseido Co Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
                           -----
                      ____
                                           -----
     JP 05238924 A2
                            19930917
                                           JP 1991-83071
PΙ
                                                            19910322
AB
     Sunscreens, which are not irritating to the skin, contain UV
     absorber-contg. polymer powders (av. particle size .ltoreq.1
     .mu.m). Talc 15, mica 5, sericite 23.7, silicone-coated
     TiO2 10.0, butylmethoxydibenzoylmethane-contg. methacrylate ester
     copolymer 20, iron oxide 2.8, squalane 8.0, lanolin 4.0,
     sorbitan sesquioleate 1.0, ethylparaben 0.4, and perfume 0.1% were mixed
     to give a powdery foundation, which showed good UV
     absorption property.
L163 ANSWER 51 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1993:656288 HCAPLUS
DN
     119:256288
ΤI
     Cosmetic pigment flakes with metal oxide coating
IN
     Tanimoto, Norihiro; Nakamura, Hiroyuki
PA
     Teikoku Kako Co Ltd, Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LΑ
     Japanese
FAN.CNT 1
     PATENT NO.
                      KIND
                            DATE
                                           APPLICATION NO.
                                                            DATE
PΙ
     JP 05156174
                   A2 19930622
                                           JP 1991-349623
                                                            19911206
AB
     Cosmetic pigments comprise flaky powders
     coated with Ti oxide or composite
     oxide of Ti and Zn. For example, an aq. suspension of
    mica was treated with titanyl sulfate with boiling to give a Ti
     hydrolyzate-coated mica, to which an aq. soln. contg.
     In ammonia complex ion was added while heating to give a mica
     coated with hydrolyzates of Ti and Zn compds. The product was
     further heated to 500.degree. for 2h to obtain a mica
     coated with ZnO and TiO2. The final product was used in
     formulating a sunscreen foundation.
ΙT
     1314-13-2, Zinc oxide (ZnO), biological
     studies
     RL: BIOL (Biological study)
        (mica coated with titania and, for cosmetic
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pigments)
IT
    13463-67-7, Titania, biological studies
    RL: BIOL (Biological study)
        (mica coated with, for cosmetic pigments)
L163 ANSWER 52 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
    1993:546366 HCAPLUS
DN
    119:146366
TI
    Fluoroalkyl phosphate-coated powders and cosmetics
    containing them
IN
    Takada, Hiroshi; Maeda, Junichi; Hase, Noboru
PA
    Kao Corp, Japan
SO
    Jpn. Kokai Tokkyo Koho, 6 pp.
    CODEN: JKXXAF
DT
    Patent
LA
    Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                         APPLICATION NO. DATE
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                                                          ------
                    A2 19930521
    JP 05124932
                                         JP 1990-314650 19901120
PΙ
                           19950222
    JP 07014855
                     В4
PRAI JP 1990-286459 19901024
    Water- and oil-proofing cosmetics contain powders
    coated with (CnF2n+1CH2CH2O)mP(O)(OH)3-m(I) (m = 2; n = 4-20)
     .gtoreq.55, I (m = 1; n = same as above) .ltoreq.40, and I (m = 3; n = 1
    same as above) .ltoreq.30 wt.%. The cosmetics are smoothly
    applied to the skin. Cosmetic pigments (TiO2,
    sericite, Fe oxide, mica, and talc) coated
    with 8:91:1 C8F17CH2CH2OPO(OH)2, (C8F17CH2CH2O)2PO2H, and
     (C8F17CH2CH2O)3PO 43.5, di-Me siloxane 5.0, (C6F13CH2CH2O)2PO2H 3.0,
    perfluoropolyether 45.0, dextrin fatty acid ester 1.0, candelilla wax 2.3,
    BHT 0.1, and perfume were mixed to give an oily foundation.
ΙT
    1309-37-1, Red iron oxide,
    miscellaneous 12174-53-7, Sericite 12227-89-3,
    Black iron oxide 13463-67-7,
    Titanium oxide, biological studies 14807-96-6,
    Talc, biological studies 51274-00-1, Yellow
    iron oxide
    RL: MSC (Miscellaneous)
        (fluoroalkyl phosphate-coated, cosmetics contg., water- and
       oil-proofing)
L163 ANSWER 53 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1993:240489 HCAPLUS
AN
DN
    118:240489
TΤ
    Cometics containing titania-coated mica
    Tanaka, Toshihiro; Nishihama, Shuji; Kobayashi, Susumu; Kumagai,
IN
    Shigenori; Kimura, Asa; Suzuki, Fukuji
PA
    Shiseido Co Ltd, Japan
    Jpn. Kokai Tokkyo Koho, 16 pp.
SO
    CODEN: JKXXAF
DT ·
    Patent
LA
    Japanese
FAN.CNT 1
                     KIND DATE
                                          APPLICATION NO. DATE
    PATENT NO.
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                    A2
    JP 05043417
                           19930223
                                          JP 1991-223307
                                                          19910808
PΙ
                          20000925
    JP 3092867
                     В2
AB
    Cosmetics which are used in prior to application of
    foundations and other makeup cosmetics to
     shade faces, contain titania-coated mica-type pigments
     (which do not have interference colors) colored with partially
    oxidized Ti. Titania-coated mica was heated at 800.degree. for
     4 h under ammonia to give pearly powders contg. 5.5 parts (based
    on 100 parts mica) titania and 30.6 parts partially oxidized Ti.
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Several cosmetic formulations contg. the pearly pigment

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are disclosed.
     13463-67-7, Titania, biological studies
ΙT
     RL: BIOL (Biological study)
        (mica coated with partially oxidized titania and, for
      cosmetics)
IT
     13463-67-7D, Titania, reduced
     RL: BIOL (Biological study)
        (mica coated with titania and, pearly)
L163 ANSWER 54 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1993:175524 HCAPLUS
AN
DN
     118:175524
ΤI
    Cosmetics containing oil- and water-repellent powders
    Tsuruta, Eiichi; Ikemoto, Takeshi
IN
PA
     Daito Kasei Kogyo Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 9 pp.
    CODEN: JKXXAF
DT
     Patent
LA
    Japanese
FAN.CNT 1
                     KIND DATE
                                         APPLICATION NO. DATE
     PATENT NO.
                     ____
                                          _____
    JP 04330007
                      A2
                           19921118
                                          JP 1991-33643
PΙ
                                                           19910201
    JP 2509392
                     B2 19960619
OS
    MARPAT 118:175524
AB
    Cosmetics contain mainly extender pigments, white pigments,
    colorants, other powders, and base materials, in which extender
    pigments, white pigments, and/or colorants are successively treated with
     .gtoreq. 1 gel selected from metal hydroxides, metal salts hydrates,
    anhyd. salts and F compds., etc. The F compds. may be
     (CnH2n+1CH2CH2O)2P(O)OH.HN(CH2CH2OH)2 (I; n = 6-18) and/or
    CnF2n+1CH2CH2OP(O)(OH)2.2NH(CH2CH2OH)2 (II). Treatment of powders
    with metal compds. and F compds. gives oil- and water-repelling property
    and prevents caking of cosmetics. An aq. soln. of
    Al2(SO4)3.18H2O and an aq. soln. of Na2SiO3 were successively added to an
    aq. slurry of sericite; after having been adjusted to pH 7 with an aq.
    Na2CO3 soln., the mixt. was stirred at 60.degree. for 1 h then filtered.
    The obtained cake was suspended in H2O and the slurry was treated with an
    aq. soln. of 1:1 mixt. of I (n = 9) and II (n = 9), adjusted to pH 4, and
    then stirred at 100.degree., dried, and the pulverized to give
    coated sericite. A powder foundation
    contained the coated sericite 54.2, similarly-treated
    mica 8.0, talc 18.0, TiO2 11.0, red Fe
    oxide 0.5, yellow Fe oxide 1.0,
    black Fe oxide 0.1, lanolin 1.0, liq. paraffin
     3.5, iso-Pr myristate 2.0, surfactant 0.5, and antiseptic 0.2 wt.% .
    7727-43-7, Barium sulfate 12174-53-7, Sericite
IT
    13463-67-7, Titanium oxide, biological studies
    RL: BIOL (Biological study)
        (cosmetics contg., noncaking)
L163 ANSWER 55 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1992:619773 HCAPLUS
AN
DN
    117:219773
ΤI
    Makeup cosmetics containing titanium
    oxide-coated mica
IN
    Takahashi, Atsushi; Kaneko, Kazue; Kimura, Asa
PA
    Shiseido Co., Ltd., Japan
SO.
    Jpn. Kokai Tokkyo Koho, 4 pp.
    CODEN: JKXXAF
DT
     Patent
LA
    Japanese
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                          APPLICATION NO.
                                                          DATE
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JP 04217907 A2

PI

19920807

JP 1991-89909

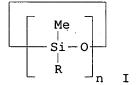
19910328

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JP 3065375
                     В2
                           20000717
                    19900330
PRAI JP 1990-86901
    Makeup cosmetics contain mica coated with
     rutile-type TiO2. The cosmetics show pearly
     appearance and good light- and thermostability. Formulation examples are
     given.
ΙT
     13463-67-7, Titanium oxide, biological studies
     RL: BIOL (Biological study)
        (rutile-type, pearly makeup cosmetics contg.
     mica coated with, stable)
L163 ANSWER 56 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
    1992:619746 HCAPLUS
DN
    117:219746
TΙ
    Base cosmetics containing pearly substances
ΤN
     Suzuki, Harumi; Kobayashi, Susumu; Kumagai, Shigenori; Tanaka, Toshihiro;
     Tsunoda, Naomi; Miyagawa, Yukie
·PA
     Shiseido Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 8 pp.
    CODEN: JKXXAF
DΨ
    Patent
LA
     Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
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                                          _____
    JP 04128211 A2 19920428
JP 2966913 B2 19991025
                                          JP 1990-250640 19900920
PT
    JP 2966913
                     B2 19991025
AB
    Base cosmetics contg. pearly-luster colorants are claimed. Use
    of the base cosmetics before spreading foundations
    makes skin light and clear. An oil-in-water base cosmetic was
    prepd. contg. isostearic acid 0.8, stearic acid 1.6, glycerin
    diisostearate 2, vaseline 2, squalane 10, cetyl 2-ethylhexanoate 7, KOH
     0.27, dipropylene glycol 5, glycerin 7, H2O 55.43, colloidal hydrated
     silicates 0.8, CM-cellulose 0.1, TiO2-coated mica 5,
    nylon powder 2, talc 1 wt. %, with some perfume and antiseptic.
L163 ANSWER 57 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
    1992:598264 HCAPLUS
DN
    117:198264
TΙ
    Cosmetics containing silicones
IN
    Shoji, Toshinori; Yoshino, Koji
PΑ
    Kao Corp., Japan
SO
    Jpn. Kokai Tokkyo Koho, 9 pp.
    CODEN: JKXXAF
DT
    Patent
    Japanese
T.A
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                         APPLICATION NO. DATE
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                                          _____
                A2
PΙ
    JP 04187611
                           19920706
                                          JP 1990-316165
                                                           19901122
    JP 2949369
                     В2
                           19990913
OS
    MARPAT 117:198264
    Cosmetics contg. 5-70 wt.% chain silicones with volatile rate
AB
     6.7 .times. 10-5- 5.5 .times. 10-4 g/cm3 at 30.degree. and 5-95 wt.%
     insol. powders. The cosmetics are stable, and
     suitable for conditioning of the skin. A cake foundation
    contained poly(methylhydrogensiloxane) (I)-coated red
    Fe oxide 1.0, I-coated yellow
    Fe oxide 2.6, I-coated black
    Fe oxide 0.5, I-coated TiO2 10.0, I-
    coated mica 22.7, SP-500 (nylon powder) 10.0,
    Me3SiO(SiMe2O)4SiMe3 10.0, Me3SiO(SiMe2O)5SiMe3 7.0, dimethylpolysiloxane
     2.0, liq. paraffin 2.0, beeswax 1.0, vaseline 1.0, antiseptic 0.1,
     fragrance 0.1 wt.%, and I-coated talc balance.
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1992:91152 HCAPLUS
AN
DN
     116:91152
TТ
     Cosmetics containing powders treated with fluorine
     compounds
     Waki, Mikio; Tsuruta, Eiichi
IN
PA
     Daito Kasei Kogyo Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 5 pp.
SO
     CODEN: JKXXAF
DT
     Patent
LΑ
     Japanese
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                           APPLICATION NO.
                                                           DATE
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     JP 03246210
                            19911101
PT
                      Α2
                                           JP 1990-42826
                                                            19900223
OS
    MARPAT 116:91152
AΒ
     Cosmetics contain extenders, powders, and pigments as
    main ingredients, at least one of which is coated with F compds.
     The cosmetics are caking-free. Fluoroalkyl phosphate
     di(hydroxyethyl)amine salt-coated powders (sericite
     24.75, talc 15.0, TiO2 2.0, mica titanium 29.75,
    mica 16.5, yellow iron oxide 3.0,
     red iron oxide 1.0, and black
     iron oxide 1.0), liq. paraffin 3.5, Me polysiloxane 3.5,
     and antiseptics to 100 wt. parts were mixed to give an eye shadow.
ΙT
     12174-53-7, Sericite 12227-89-3, Black
     iron oxide 13463-67-7, Titanium
     oxide, miscellaneous 14807-96-6, Talc, miscellaneous
     51274-00-1, Yellow iron oxide
     RL: BIOL (Biological study)
        (coated with fluoroalkyl di(hydroxyethyl)amine phosphate,
     cosmetics contg., caking-free)
IT
     1309-37-1, Red iron oxide,
    miscellaneous
     RL: MSC (Miscellaneous)
        (coated with fluoroalkyl di(hydroxyethyl)amine phosphate,
     cosmetics contg., caking-free)
L163 ANSWER 59 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1991:614547 HCAPLUS
DN
     115:214547
ΤI
     Cosmetic makeups containing composite powders
IN
    Myoshi, Ryota; Imai, Isao; Sato, Kazuo
PΑ
    Miyoshi Kasei Y. K., Japan
SO
     Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT ·
    Patent
LA
    Japanese
FAN.CNT 1
                                          APPLICATION NO. DATE
                     KIND DATE
     PATENT NO.
     JP 03181411 A2
                            19910807
PΙ
                                          JP 1989-321189
                                                            19891211
    A composite powder prepd. by coating inorg. powder
     (av. particle diam. 1-20 .mu.m) with pigments (av. diam. 0.1-1.0 .mu.m) is
     useful as a cosmetic makeup for controlling facial
     wrinkles. The pigments are TiO2, ZnO, or zirconia, whereas the
     inorg. powder is selected from the group comprising talc, CaCO3,
     clay, zeolite, sericite, mica, and kaolin. For example,
    mica coated with ZnO was prepd.
     1314-13-2, Zinc oxide, biological studies
IT
     13463-67-7, Titania, biological studies
     RL: BIOL (Biological study)
        (as pigment, inorg. powder coating with, for cosmetic
     makeups)
IT
     12174-53-7, Sericite 14807-96-6, Talc (Mg3H2(SiO3)4),
     biological studies
     RL: BIOL (Biological study)
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(particles, pigment coating of, for cosmetic makeups
L163 ANSWER 60 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1991:589484 HCAPLUS
DN
     115:189484
ΤI
     Cosmetics containing N-acylaspartate-coated pigments
ΙN
     Tsugita, Akira
PΑ
     Kanebo, Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LΑ
     Japanese
FAN.CNT 1
     PATENT NO.
                     KIND DATE
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                      A2
PΙ
     JP 03024008
                           19910201
                                          JP 1989-160451 19890622
     JP 2746416
                     B2
                           19980506
OS
     MARPAT 115:189484
AB
     Finishing cosmetics contain pigments coated with
     RCONHCH(CO2M)CH2CO2M (RCO = caprinoyl, lauroyl, myristoyl, palmitoyl,
     stearoyl, oleoyl; M = H, Mg, Ca, Co, Zn, Al, Ti, Fe, Zr).
     cosmetics have good storage stability, water-resistance, and
     affinity to the skin. Mica (1 kg) was treated with 20 g mono-Na
     N-stearoyl-L-aspartate and 100 mL 5% aq. Al2(SO4)3 soln. in H2O to give Al
     N-stearoyl-L-aspartate (I)-coated mica. I-
     coated mica 48.0, I-coated talc 20.0, I-
     coated Ti-mica 2.0, I-coated TiO2
     13.5, I-coated red Fe oxide 1.0,
     I-coated yellow Fe oxide 2.5, I-
     coated black Fe oxide 0.3, I-
     coated ultramarine 0.2, liq. paraffin 3.0, squalane 5.0,
     siloxane 2.0, sorbitan monooleate 2.0, antiseptic agent 0.2, and perfume
     0.3 part were mixed, pulverized, and pressured to give a powder
     foundation.
IT
    1309-37-1, Red iron oxide,
    biological studies 12174-53-7, Sericite 12227-89-3,
    Black iron oxide 13463-67-7,
     Titanium oxide, biological studies 14807-96-6,
     Talc, biological studies 51274-00-1, Yellow
     iron oxide 57455-37-5, C.I. Pigment Blue 29
     RL: BIOL (Biological study)
        (N-acyl aspartate-coated, cosmetics contg.)
L163 ANSWER 61 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1991:566402 HCAPLUS
AN
DN
     115:166402
ΤI
    Powdery cosmetics containing UV-shielding
     agent-treated globular cellulose
TN
     Kurisaki, Hideo; Ishibashi, Hiroaki
    Chisso Corp., Japan
PA
     Jpn. Kokai Tokkyo Koho, 5 pp.
SO
     CODEN: JKXXAF
DT
     Patent
    Japanese
LA
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                          APPLICATION NO. DATE
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                 A2
ΡI
     JP 03099008
                           19910424
                                          JP 1989-237547
                                                           19890913
     Powdery cosmetics contain globular cellulose
    powder, which is coated, impregnated, or chem.-bound
     with UV-shielding agents and/or UV-absorbers. The powdery
     cosmetics have no waxy appearance and give no irritation to the
     skin. A compn. contg. Celluflow C-25 (porous cellulose powder)
     20.0, P-25 (TiO2) (which was previously added to the pore of
     cellulose) 5.0, mica 43.58, talc 10.0, Na hyaluronate 1.0, Fe
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oxide 8.5, lanolin 5.0, liq. paraffin 5.0, sorbitan sesquioleate
     1.0, ethylparaben 0.4, butylhydroxyanisole 0.02, and fragrance 0.5 wt.%
     was made into a pressed foundation.
     1314-13-2, Zinc oxide, uses and miscellaneous
     13463-67-7, Titania, uses and miscellaneous
     RL: USES (Uses)
        (as UV shield, powdery cosmetics contg. globular
        cellulose powder treated with)
L163 ANSWER 62 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1990:204489 HCAPLUS
AN
DN
     112:204489
ΤI
     Powder cosmetics containing moisture-retaining
     polymers and spherical cellulose powder
IN
     Kurisaki, Hideo; Nishikawa, Masahiko
PA
     Chisso Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 4 pp.
     CODEN: JKXXAF
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FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO.
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PΙ
     JP 01313413
                       A2
                            19891218
                                           JP 1988-144364
                                                            19880611
                       B2
                            19970709
     JP 2627642
     US 5024831
                      Α
                            19910618
                                           US 1989-431249
                                                            19891103
PRAI JP 1988-144364 19880611
     Powder cosmetics contain spherical cellulose
     powder coated, impregnated, or bound with .gtoreq.1
     moisture-retaining polymers. Na hyaluronate (1.0 wt.%) was put in pores
     of 20.0 wt.% Celluflow C-25 (spherical cellulose powder), mixed
     with mica 46.58, talc 10.0, TiO2 7.0, iron
     oxides 3.5, lanolin 5.0, liq. paraffin 5.0, sorbitan sesquioleate
     1.0, ethylparaben 0.4, butylhydroxyanisole 0.02, and fragrance 0.5 wt.%,
     pulverized, and formed to prep. a pressed foundation, which was
     well applied to the skin.
L163 ANSWER 63 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1990:204486 HCAPLUS
DN
     112:204486
     Makeup cosmetics containing silicone waxes
TI
     Hatao, Masato; Nanba, Tomyuki; Ikeda, Toshihide; Minami, Koji
IN
PA
     Shiseido Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                      KIND
                            DATE
     PATENT NO.
                                           APPLICATION NO.
                                                            DATE
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                            19891128
                                           JP 1988-123409
PI
     JP 01294612
                       A2
                                                            19880520
     MARPAT 112:204486
os
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AB

Makeup cosmetics contain .gtoreq.1 silicone waxes I (R = C16-30 alkyl, Ph; R may be different in each structure unit; n = 3-7).

The cosmetics are durable, spread easily, and non-sticky.

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1,3,5,7-Tetramethylcyclotetrasiloxane was treated with Dialen (1-eicosene)
     and chloroplatinic acid in toluene under reflux for 3 h to give 96%
     1,3,5,7-tetramethyl-1,3,5,7-tetraeicosylcyclotetrasiloxane, which (10.0
    wt.%) was mixed with polyethylene wax 1.0, ceresin 6.0, liq. paraffin
     25.0, glycerin di-2-heptylundecanoate 35.0, olive oil 11.0, red
     iron oxide 0.2, Red No. 202 1.8, Ti-coated
    mica 10.0 wt.% and fragrance to give a lipstick.
L163 ANSWER 64 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1990:42254 HCAPLUS
    112:42254
     Sunscreen cosmetics containing organic powders coated
    with zinc oxide
    Nakane, Toshihiko; Nanba, Tomyuki; Kumagai, Shigenori; Tanaka, Toshihiro;
     Suetsugu, Masaru
    Shiseido Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 7 pp.
    CODEN: JKXXAF
    Patent
     Japanese
FAN.CNT 1
     PATENT NO.
                     KIND DATE
                                         APPLICATION NO. DATE
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                     A2
     JP 01190625
                           19890731
                                          JP 1988-14279
                                                           19880125
     JP 2628058
                     B2 19970709
    Sunscreen cosmetics contain org. powders (av.
     .ltoreq.1 .mu.m particle size) coated with ZnO and optionally
    with .gtoreq.1 other powders. The org. powders show
    good UV light-scattering effects. ZnO (100 g, av. diam. 0.1 .mu.m) was
    treated with 900 g spherical nylon powder (av. diam. 0.9 .mu.m)
     for 10 h to give 10% ZnO-coated nylon powder, which
     (20.0 wt.%) was mixed with silicone-treated mica 40.0,
     silicone-treated talc 20.45, silicone-treated iron oxide 7.5,
    trimethylolpropane triisostearate 5.0, squalane 3.0, beeswax 2.0, sorbitan
    trioleate 1.0, propylparaben 0.5, vitamin E 0.05, and fragrance 0.5 wt.%
    to give a sunscreen foundation.
    1314-13-2, Zinc oxide, biological studies
    RL: BIOL (Biological study)
        (sunscreen cosmetics contg. org. powders coated
       with)
L163 ANSWER 65 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1989:619122 HCAPLUS
    111:219122
    Sunscreen cosmetics containing finely granulated metal oxides
    and metal oxide filaments
    Tanaka, Toshihiro; Kumagai, Shigenori; Yokoyama, Hiroyuki
    Shiseido Co., Ltd., Japan
    Jpn. Kokai Tokkyo Koho, 9 pp.
    CODEN: JKXXAF
    Patent
    Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
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                           19890606
                                          JP 1987-302793
    JP 01143821
                      A2
                                                           19871130
    Sunscreen cosmetics contain finely granulated metal
    oxides uniformly dispersed in other (complex) metal oxide
     filaments. The cosmetics are not sticky and are smoothly
    applied to the skin. (BuO)4Si (574 parts) was mixed with 100 parts
    TiO2 in BuOH, coated on a plate, burned at
    100-900.degree. for 11 h, pulverized, and sieved to give a composite
    powder contg. 50:50 wt.% filament SiO2 and finely granulated
    TiO2. A powder foundation comprised talc 20,
    the composite powder 20, ZnO 2, Fe oxides 2, di-Me
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prepd. for cosmetic makeups. Mica (or

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polysiloxane 4, squalane 5, diisostearyl malate 3, sorbitan sesquioleate
     1, an antiseptic agent, perfume, and mica to 100% by wt.
     1332-37-2, Iron oxide, biological studies
     RL: BIOL (Biological study)
        (sunscreen cosmetics contg.)
     1314-13-2, Zinc oxide (ZnO), biological
     studies 13463-67-7, Titanium dioxide,
     biological studies
     RL: BIOL (Biological study)
       (sunscreen cosmetics contg. metal oxide and)
L163 ANSWER 66 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1989:483891 HCAPLUS
DN
     111:83891
     Powdery make-up cosmetic base
     coated with higher alcohols and dipentaerythritol fatty acid esters and/or
     lanolin
     Ogiwara, Takeshi; Shimizu, Ikuko
PA
     Kobayashi Kose Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
     Patent
     Japanese
FAN.CNT 1
                      KIND DATE
     PATENT NO.
                                          APPLICATION NO. DATE
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                           _____
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     JP 64003108
                       A2
                            19890106
                                           JP 1987-156303
                                                            19870623
     JP 07098732
                      B4
                           19951025
     Powdery make-up cosmetics contain
     powder base for cosmetics coated with higher
     alcs., which are solid at normal temp., and dipentaerythritol (I) fatty
     acid esters and/or lanolin. The powdery cosmetics
     show improved fluidity and water-repellency and have good adhesion to
     skin. Mica (98.0 parts) was mixed with a soln. of 1.0 part
     stearyl alc. and 1.0 part mixed ester of I with 4:1.5:0.5 (mol ratio based
     on mol I) mixt. of 12-hydroxystearic acid, stearic acid, and resin acid in
     100 parts Me2CHOH and dried. The adhesiveness of the coated
     powder to skin was good. An eye shadow was prepd. from talc
     80.98, mica Ti 10.0, TiO2 5.0, Japan blue no. 404
     0.01, black Fe oxide 0.01, stearyl alc. 1.0,
     I fatty acid ester (same as the above) 3.0, EtOH 2.0, and flon 113 25.0
     wt8.
     14807-96-6, Talc, biological studies
     RL: BIOL (Biological study)
        (pentaerytritol fatty acid ester-coated, powdery
      makeup cosmetic base contg.)
L163 ANSWER 67 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1989:179268 HCAPLUS
     110:179268
     Cosmetic makeups containing nonpearly-mica
     -titanium pigments
     Kawai, Mitsuo; Yamada, Hiroyuki; Yoneyama, Yoshihisa; Yasuki, Takashi;
     Tanimoto, Norihiro; Ikeda, Mutsumi
     Pola Chemical Industries, Inc., Japan; Teikoku Chemical Industry Co., Ltd.
     Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
     Patent
     Japanese
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FAN.CNT 1
                      KIND
                           DATE
                                           APPLICATION NO.
     PATENT NO.
                                                            DATE
                      ____
     JP 63159476
                                                            19861223
                      A2
                            19880702
                                           JP 1986-307501
     JP 2559037
                      B2
                            19961127
     A nonpearly mica Ti pigment and makeups contg. it are
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JP 63023810

A2

19880201

JP 1986-167137

19860716

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mica suspension) and titanyl sulfate (H2SO4/TiO2 =
     1.5-5.5) or its soln. were mixed such that the titanyl sulfate concn. was
     .qtoreq.50 g/L and mica/titanyl sulfate = 0.01-4.0 (wt. ratio);
     the mixt. was heated to the b.p., hydrolyzed to ppt. TiO2.H2O on
     the surface of mica, neutralized with an alkali, and a solid
    material produced was isolated and fired to give a nonpearly mica

    -titanium pigment. An oily cosmetic foundation contg.

     this pigment 32% by wt. was described.
     13463-67-7, Titanium dioxide, biological
     studies
     RL: BIOL (Biological study)
        (cosmetic makeups contg. mica
     coated with)
L163 ANSWER 68 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1989:141276 HCAPLUS
     110:141276
    Cosmetics containing inorganic powders coated with
    minute particles
    Hosokawa, Masuo; Yukimitsu, Keiichiro
    Hosokawa Micron Corp., Japan
    Jpn. Kokai Tokkyo Koho, 4 pp.
    CODEN: JKXXAF
    Patent
    Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                          APPLICATION NO. DATE
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                           19880530
    JP 63126813
                      A2
                                          JP 1986-272691
                                                           19861113
                     В4
    JP 04062291
                           19921005
    Porous spherical particles (diam. 0.2-30.0 .mu.m) are impregnated with a
    perfume, mixed with a cosmetic soln. and oils and coated
    with at least one compd. selected from the group consisting of
    TiO2, Fe oxide, mica, titanium mica,
    kaolin, talc, carbon black, ultramarine blue. The spherical
    particles are silicic acid, Ca silicate, boric acid, TiO2, and
    other metal oxides. Cosmetics contg. these
    powders have better quality of colors as compared to conventional
    cosmetics and spread smoothly on the skin. Thus, a
    cosmetic foundation was prepd. consisting of (1) a mixt.
    of porous particles (diam. 0.2-20 .mu.m; mica 50, silica 40, and
    TiO2 10 parts by wt., (2) TiO2 (diam. 0.015 .mu.m), (3)
    Fe oxide (diam. 0.04-0.06 .mu.m), (4) a cosmetic oil
     (isostearic acid), and (5) a perfume, and ratio of these was 74.93, 20.0,
    3.0, 1.0, and 0.03%, resp.
    13463-67-7, Titanium dioxide, biological
    studies 14807-96-6, Talc, uses and miscellaneous
    57455-37-5, Ultramarine Blue 1332-37-2, Iron
    oxide, uses and miscellaneous
    RL: BIOL (Biological study)
        (coating of cosmetic powder with)
L163 ANSWER 69 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1989:121041 HCAPLUS
    110:121041
    Cosmetics containing spherical mica particles
    Hosokawa, Masuo; Yukimitsu, Keiichiro
    Hosokawa Funtai Kogaku Kenkyusho, Japan
    Jpn. Kokai Tokkyo Koho, 3 pp.
    CODEN: JKXXAF
    Patent
    Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                          APPLICATION NO.
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JP 04062289
                       В4
                            19921005
AB
     Cosmetics which spread smoothly over the skin contain small
     spherical particles produced by binding ultrafine mica particles
     (0.2-0.02 .mu.m) (TiO2-coated mica, Fe
     oxide-coated mica, and mica). Thus,
     a powd. foundation was prepd. consisting of spherical
     mica (av. diam. 6 .mu.m) 45, Super micro mica 33, a dye
     paste 8, isostearyl alc. 10, cyclodextrin 3.5, and a perfume 0.5% by wt.
IT
     1332-37-2, Iron oxide, biological studies
     13463-67-7, Titanium dioxide, biological
     studies
     RL: BIOL (Biological study)
        (mica particles coated with, for cosmetics
L163 ANSWER 70 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1988:555974 HCAPLUS
DN
     109:155974
TI
     Cosmetics containing inorganic particles coated with ultrafine
ΙN
     Hosokawa, Masuo; Yukimitsu, Keichiro
PA
     Hosokawa Micron Corp., Japan
SO
     Jpn. Kokai Tokkyo Koho, 4 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
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     JP 63093707
                     A2
                           19880425
                                           JP 1986-241080 19861008
PΙ
     The surface of spherical inorg. particles, such as silica, Al silicate,
AB
     ZnO2, etc., are coated with fine particles of metal
     oxides, mica minerals, etc. to give hydrophilic
     cosmetics with luster that may be applied smoothly to the skin.
     Thus, a powd. foundation was prepd. by combining Ti
     silicate (av. diam. 2 .mu.m) 45, Super Micro mica (av. diam. 0.7
     .mu.m) 33, a pigment paste 8, isostearyl alc. 10, cyclodextrin 3.5, and a
     perfume 0.5% by wt.
ΙT
     1314-13-2, Zinc oxide, biological studies
     13463-67-7, Titanium dioxide, biological
     studies
     RL: BIOL (Biological study)
        (mica-coated, powd., hydrophilic
      cosmetics contg.)
IT
     1332-37-2, Iron oxide, biological studies 7727-43-7,
     Barium sulfate 11118-57-3, Chromium oxide 14807-96-6,
     Talc, biological studies
     RL: BIOL (Biological study)
        (powd., hydrophilic cosmetics contg.)
L163 ANSWER 71 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
     1988:515870 HCAPLUS
DN
     109:115870
TΙ
     Cosmetic makeups containing silica-coated
     titanium dioxide
IN
     Tokuda, Junichi; Goto, Mitsuo; Yokoyama, Hiroshi
PA
     Kobayashi Kose Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
     CODEN: JKXXAF
DT
     Patent
     Japanese
LA
FAN.CNT 1
                      KIND
                           DATE
                                           APPLICATION NO.
                                                            DATE
     PATENT NO.
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PΙ
     JP 63044510
                      A2
                            19880225
                                           JP 1986-187990
                                                            19860811
                      B4
     JP 07047526
                            19950524
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AB
     A cosmetic makeup contains spherical TiO2
     particles coated with amorphous silica. The av. diam. of the
     coated particles is 0.5-50 .mu.m, and the amt. of silica in the
     product is 5-50% by wt. These particles are readily picked up by an
     applicator from the makeup cake, and smoothly applied to the
     skin. Thus, a pressed powder foundation was prepd.
     consisting of silica-coated TiO2 (av. diam. 5 .mu.m,
     silica content 8%) 15.0, mica 60.0, talc 10.0, bengara 0.8,
     yellow iron oxide 2.0, black
     iron oxide 0.2, vaseline 3.0, beeswax 0.5, squalane 5.5,
     silicone oil 2.0, and a perfume 1.0 % by wt.
IT
     13463-67-7, Titanium dioxide, biological
     studies
     RL: BIOL (Biological study)
        (silica-coated, cosmetic makeups contg.)
L163 ANSWER 72 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
     1987:623068 HCAPLUS
DN
     107:223068
TI
     Cosmetics containing titanium dioxide
    powder
     Okabe, Shinya; Kawai, Mitsuo; Uramoto, Tadamitsu; Horino, Masaaki
IN
PA
     Pola Chemical Industries, Inc., Japan
SO
     Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
DТ
     Patent
LA
     Japanese
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                          APPLICATION NO. DATE
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                      Α2
                           19870808
                                           JP 1986-24670
     JP 62181211
                                                           19860206
ΡI
     JP 06096494
                           19941130
                      B4
AB
     Cosmetic makeups contain 2-75% by wt. TiO2
    powder (diam. 0.2-30.0 .mu.m) which is adherent and readily
     applied to the skin. Thus, a solid foundation contained liq.
    paraffin 13.0, iso-Pr myristate 0.5, sorbitan monooleate 0.3,
     dimethylpolysiloxane 3.0, a perfume 0.2, glycerin 1.0, yellow
     iron oxide 2.0, red oxide 0.4,
    Ultramarine Blue 0.1, TiO2 40.0, silicone-coated
     sericite 20.0, talc 14.0, a silk powder 4.0, and Ti mica
     1.0 part by wt.
IT
     13463-67-7, Titanium dioxide, biological
     studies
    RL: BIOL (Biological study)
        (powd., cosmetic makeups contq.)
L163 ANSWER 73 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
    1987:604953 HCAPLUS
DN
     107:204953
TΙ
     Cosmetics containing particles coated with iron oxide pigments
IN
     Seki, Toichi; Kaneda, Yasuo; Horino, Masaaki
PA
     Pola Chemical Industries, Inc., Japan
SO
     Jpn. Kokai Tokkyo Koho, 9 pp.
     CODEN: JKXXAF
DT
     Patent
    Japanese
LA
FAN.CNT 1
                     KIND
                                          APPLICATION NO.
     PATENT NO.
                           DATE
                                                           DATE
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                                           -----
                  A2
                                          JP 1986-13362
PΙ
     JP 62174002
                           19870730
                                                            19860124
AB
     Cosmetics contain dark pigments prepd. by coating
     inorg. and/or org. particles with metallic oxides and Fe3O4.
     The inorg. particles may be pearly dyes. These cosmetics are
     safe, stable, and uniformly and smoothly applied to the skin. A pigment
     consisting of TiO2 13.1, mica 19.6, FeO(OH) 2.0, and
     Fe3O4 65.3% by wt. was prepd. by treating TiO2-coated
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mica with a Na2CO3 soln., followed by a Fe2SO4 soln., with air introduced into the suspension, subsequently, replacing the air with N, treating the particles in succession with an NH3 soln., KNO3, FeSO4, and concd. H2SO4 solns. An eye liner was prepd. contg. 50% by wt. of this pigment. 13463-67-7, Titanium dioxide, biological studies 14807-96-6, Talc, biological studies RL: BIOL (Biological study) (cosmetics contg. iron oxide-coated) 1309-37-1, Ferric oxide, biological studies 1317-61-9, biological studies RL: BIOL (Biological study) (talc coated with, for cosmetics) L163 ANSWER 74 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1987:162418 HCAPLUS 106:162418 Cosmetics containing mica coated with metal oxides and hydroxides Suzuki, Fukuji; Bankin, Wayoko; Hachiman, Yoshio; Kumagai, Shigenori Shiseido Co., Ltd., Japan Jpn. Kokai Tokkyo Koho, 8 pp. CODEN: JKXXAF Patent Japanese FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE ---------------19870124 JP 1985-153659 JP 62016408 A2 19850712 A cosmetic contains mica uniformly coated 5-30 nm thick with at least one compd. selected from the group consisting of metal oxides (TiO2, ZnO, and iron oxide) and metal hydroxides [Ti(OH)3, Zn(OH)2, iron hydroxide]. It covers skin stains and freckles. Thus, a foundation was prepd. consisting of TiO2 10, talc 5, kaolin 3, TiO2-coated mica 12.7, red iron oxidecoated mica 5, TiO2- and yellow iron oxide-coated mica 3.5, block iron oxide-coated mica 0.5, squalane 39, iso-Pr myristate 15, sorbitan sesquioleate 1, waxes 5.3% by wt., and perfume g.s. 1309-37-1, Red iron oxide, uses and miscellaneous 1314-13-2, Zinc oxide, uses and miscellaneous 12227-89-3, Black iron oxide 13463-67-7, Titanium dioxide, uses and miscellaneous 51274-00-1, Yellow iron oxide RL: BIOL (Biological study) (mica coated with, cosmetics contg.) L163 ANSWER 75 OF 85 HCAPLUS COPYRIGHT 2001 ACS 1987:162396 HCAPLUS 106:162396 Cosmetic makeup containing inorganic pigment particles coated with anionic polymer salts Fukushima, Takashi; Tsugita, Akira; Murase, Minako Kanebo, Ltd., Japan Jpn. Kokai Tokkyo Koho, 7 pp. CODEN: JKXXAF Patent Japanese FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE A2 19861216 JP 1985-126794 JP 61286310 19850610

A cosmetic makeup contains pigment particles

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coated with anionic polymer polyvalent metal salts. It is safe,
     applied smoothly and firmly to the skin, and long-lasting compn.
     talc, mica, and TiO2 were coated with Ca
     alginate, Ca poly(acrylic acid), and Mg poly(acrylic acid), resp. A
    powd. foundation was prepd. consisting of Ca alginate-
     coated talc 18, Ca polyacrylate-coated mica
     45, and Mg polyacrylate-coated TiO2 15, iron
     oxide 4, nylon powder 5, squalane 9, and Vaseline 4
     parts by wt.
     12174-53-7, Sericite 13463-67-7, Titanium
     dioxide, biological studies 14807-96-6, Talc, biological
     studies
     RL: BIOL (Biological study)
        (cosmetic makeups contg. polymer-coated)
L163 ANSWER 76 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1987:125713 HCAPLUS
     106:125713
     Zinc oxide or zinc carbonate microparticle-coated
    powders for cosmetic makeup manufacture
     Muto, Shigeharu
     Shiseido Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 4 pp.
     CODEN: JKXXAF
     Patent
     Japanese
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                          APPLICATION NO.
                                                           DATE
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                    A2
     JP 61257909
                           19861115
                                           JP 1985-97876
                                                            19850510
                           19911127
     JP 03074641
                      В4
     Org. or inorg. powders are coated with ZnO or ZnCO3
    microparticles having sp. surface area of 15-100 m2/g for the manuf. of
     cosmetic makeups (foundations, eye shadows,
     etc.). The cosmetics are compatible on the skin and phys.
     stable. Thus, a mica powder was coated with
     5% ZnO microparticles. A rouge was prepd. contg. ZnO microparticle-
     coated mica powder 56.5, ZnCO3 microparticle-
     coated talc powder 30.0, ZnCO3 microparticle-
     coated red iron oxide powder
     1, ZnCO3 microparticle-coated red color no. 226 powder
     2, squalane 3, olive oil 2, lanolin 5, ethylparaffin 0.3, and perfumes 0.2
    parts.
     1309-37-1, Red iron oxide,
    biological studies 12227-89-3, Black iron
     oxide 14807-96-6, Talc, biological studies
     51274-00-1, Yellow iron oxide
     RL: BIOL (Biological study)
        (powder, zinc compd. microparticle-coated, for
     cosmetic makeup manuf.)
     1314-13-2, Zinc oxide, biological studies
     RL: BIOL (Biological study)
        (powders coated with, for cosmetic makeup
       manuf.)
L163 ANSWER 77 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1987:125712 HCAPLUS
     106:125712
     Coated spherical powders for cosmetic makeup
    manufacture
     Hachiman, Yoshio; Nakane, Toshihiko; Kumagai, Shigenori; Yokoyama,
     Hiroyuki
     Shiseido Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 10 pp.
     CODEN: JKXXAF
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LA
     Japanese
FAN.CNT 1
                     KIND DATE
     PATENT NO.
                                         APPLICATION NO. DATE
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                    A2
                           19861115
                                           JP 1985-95395
     JP 61257908
                                                           19850507
PI
     JP 06096495
                     B4
                           19941130
AB
     Org. or inorg. spheres (av. particle size 1-100 .mu.m) are pressure-
     coated with a org., inorg., or metal powder having av.
     particle size of 0.2-20 .mu.m to form a spherical powder for the
     manuf. of cosmetic makeups (foundations,
     lipsticks, eye liners, eyebrow pencils) with improved phys. properties
     (sliding friction, spreading capacity, etc.). Thus, nylon 12 spheres (av.
     particle size 6.6 .mu.m) were coated with a TiO2
     powder (particle size 0.2 .mu.m). An oily foundation
     was prepd. contg. the nylon spheres 7, TiO2 6, kaolin 12, white
     mica 23.7, red iron oxide 1,
     yellow iron oxide 0.7, black
     iron oxide 0.1, squalane 27, cetyl 2-ethylhexanoate 16,
     sorbitan sesquioleate 1, aristo wax (sic) 4, carnauba wax 1.3, and
     perfumes 0.2%.
ΙT
     1309-37-1, Red iron oxide,
     biological studies
     RL: BIOL (Biological study)
        (cellulose spheres coated with, for cosmetic makeup
        manuf.)
IT
     13463-67-7, Titanium oxide, biological studies
     RL: BIOL (Biological study)
        (nylon or polyethylene spheres coated with, for cosmetic
     makeup manuf.)
     12227-89-3, Black iron oxide
IT
     RL: BIOL (Biological study)
        (silica spheres coated with Berlin Blue and, for cosmetic
      makeup manuf.)
L163 ANSWER 78 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1987:38243 HCAPLUS
ΑN
ĎΝ
     106:38243
ΤI
     Cosmetic makeups containing resin particles coated
     with inorganic compounds
     Hachiman, Yoshio; Kumagai, Shigenori; Yokoyama, Hiroyuki; Nakane,
IN
     Toshihiko; Okunuki, Yutaka
PΑ
     Shiseido Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 5 pp.
SO
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                                          APPLICATION NO. DATE
     PATENT NO. KIND DATE
                           _____
     JP 61194010 A2
JP 07023287 B4
PΙ
                           19860828
                                           JP 1985-33970
                                                          19850222
                           19950315
AB
     Makeup compns. contain resin particles (av. diam. 1-100 .mu.m)
     coated with smaller inorg. particles (av. diam. 0.01-5.0 .mu.m).
     These compns. are uniform and easily applied to the skin. Thus, a
     foundation was prepd. consisting of 40% TiO2-
     coated cellulose 15, silicone-treated mica 40,
     silicone-treated talc 20.45, silicone-treated iron oxide 6.5,
     TiO2 5, trimethylolpropane triisostearate 5, squalane 3, beeswax
     2, sorbitan trioleate 1, a preservative 0.5, vitamin E 0.05,
     butylmethoxybenzoylmethane 1.0, and a perfume 0.5 % by wt.
     11118-57-3, Chromium oxide 12227-89-3, Black
IT
     iron oxide 13463-67-7, Titanium
     oxide, uses and miscellaneous 14807-96-6, Talc, uses and
     miscellaneous 51274-00-1, Yellow iron
     oxide 57455-37-5, Ultramarine blue
     1309-37-1, Red iron oxide, uses and
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miscellaneous 1314-13-2, Zinc oxide, uses
     and miscellaneous 7727-43-7, Barium sulfate
    RL: BIOL (Biological study)
        (resin particles coated with, cosmetic makeups
       contq.)
L163 ANSWER 79 OF 85 HCAPLUS COPYRIGHT 2001 ACS
     1986:539438 HCAPLUS
AN
DN
     105:139438
ΤI
     Stabilization of ascorbic acid esters in nonaqueous powder
IN
    Okuyama, Genichiro; Shinho, Shoichi; Shimoyama, Ju
PA
    Kanebo, Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 4 pp.
SO
    CODEN: JKXXAF
DT
     Patent
    Japanese
LA
FAN.CNT 1
                  KIND DATE
    PATENT NO.
                                        APPLICATION NO. DATE
                    ----
                                         -----
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    JP 61130206 A2 19860618
                                         JP 1984-252886 19841130
PΙ
    Ascorbic acid esters in a nonaq. powder cosmetics are
AB
    stabilized by sealing the prepn. in an O-nonpermeable bag contg. an
    O-absorbing agent. Thus, a powder foundation contg.
    talc 10, TiO2 30, mica 30, perfumes 0.5, ascorbic acid
    monostearate 3, yellow iron oxide 10,
    red iron oxide 4, ZnO 2.5, squalane 2, liq.
    paraffin 4, and candelilla wax 4 parts was sealed in a laminated
    Vinylone-poly(vinylidene chloride) film bag contg. metal halide-
    coated Fe powder as O-absorbing agent. The ascorbic
    acid monostearate activity remained almost unchanged after a 3-mo storage.
L163 ANSWER 80 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1986:429817 HCAPLUS
AN
    105:29817
DN
    Skin cosmetics containing polyacrylate-coated coloring materials
ΤI
    Nakamura, Tadao; Iyanagi, Koichi; Takasuka, Yutaka
TN
PA
    Pola Chemical Industries, Inc., Japan
SO
    Jpn. Kokai Tokkyo Koho, 6 pp.
    CODEN: JKXXAF
DT
    Patent
LA
    Japanese
FAN.CNT 1
    PATENT NO. KIND DATE
                                         APPLICATION NO. DATE
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                                         _____
                                                          _____
    JP 61069708 A2 19860410
JP 05076444 B4 19931022
                                         JP 1984-192234 19840913
PΙ
    Coloring materials (talc, kaolin, mica, sericite) are
AB
    coated with at least 1 polyacrylate to form a transparent and
    brilliant color for manuf. of skin cosmetics. Thus, talc was
    coated with poly(Me methacrylate) [ratio of talc: poly(Me
    methacrylate) = 8:5]. A cream foundation was prepd. contg.
    stearic acid 1.0, glycerol monooleate 1.0, cetyl alc. 2.5, liq. paraffin
    12.0, polyoxyethylene hydrogenated castor oil derivs. 0.5, the coloring
    agent 11.0, TiO2 3.0, Indian red 1.01, yellow
    iron oxide 2.0, black iron
    oxide 1.0, propylene glycol 5.0, 1% NaOH 13.69, H2O 46.2, and Bu
    p-hydroxybenzoate 0.2 part.
IT
     1318-94-1 14807-96-6, biological studies
     RL: BIOL (Biological study)
        (polyacrylate-coated, as coloring material, for skin cosmetics
L163 ANSWER 81 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1986:429816 HCAPLUS
AN
    105:29816
DN
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ΤI
    Cosmetic makeups containing collagen or its
    derivatives
IN
    Mitani, Hiroaki; Shibata, Yoshinori; Odawara, Ryuzo
PA
    Sansei Pharmaceutical Co., Ltd., Japan; Kyoei Chemical Industry Co., Ltd.
SO
    Jpn. Kokai Tokkyo Koho, 5 pp.
    CODEN: JKXXAF
DT
     Patent
LA
    Japanese
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                         APPLICATION NO.
     _____
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                                          -----
    JP 61069710
                    A2
                           19860410
                                         JP 1984-193499 19840913
PΙ
    JP 01013686
                     B4
                           19890307.
AB
    Cosmetic powders are coated with collagen
    and (or) its derivs. and dried at <37.degree. to give collagen-
    coated powders for use in manuf. of skin
    cosmetics. The prepns. show high affinity to the skin and give a
    soft feeling. Thus, a powder cake comprised collagen-
    coated TiO2 powder (particle size 3-5 .mu.m)
    8, collagen-coated nylon powder 6, collagen-
    coated mica 20, collagen-coated sericite 37,
    Zn stearate 5, silicone 20, yellow iron oxide
    2.42, Indian red 1.0, black iron oxide 0.26
    g, preservatives, and perfumes.
IT
    1318-94-1 13463-67-7, biological studies
    14807-96-6, biological studies
    RL: BIOL (Biological study)
        (powder, collagen-coated, for skin cosmetics)
L163 ANSWER 82 OF 85 HCAPLUS COPYRIGHT 2001 ACS
ΑN
    1985:100624 HCAPLUS
DN
    102:100624
ΤI
    Cake-type make-ups
PA
    Kanebo, Ltd., Japan
SO
    Jpn. Kokai Tokkyo Koho, 11 pp.
    CODEN: JKXXAF
DT
    Patent
LA
    Japanese
FAN.CNT 1
    PATENT NO.
                   KIND DATE
                                         APPLICATION NO. DATE
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                                         _____
                                                          -----
                  A2
    JP 59196808
                           19841108
PΙ
                                         JP 1983-71959
                                                          19830422
    JP 04046242
                     B4 19920729
AB
    Cake-type make-ups comprise dyes coated with
    N-acylglutamic acid aluminum salts, dyes coated with fibroins,
    and oily substances. The aluminum salts are [RCONHCH(CH2CH2CO2H)CO2]3Al
    where R = C11-17 alkyl, alkenyl, or OH-contg. alkenyl groups. These
    make-ups are stable against temp. changes. Thus, a
    make-up comprises aluminum N-stearoylglutamate
    [94955-65-4]-coated talc 29, mica 15, TiO2
    8, Rouge (iron oxide) [1309-37-1] (Fe203) 1.5, iron
    oxide yellow [51274-00-1] 3.6, iron oxide
    black [1317-61-9] 0.4 parts, and fibroin-coated
    TiO2 18 and talc 14 parts plus 10 parts liq. paraffin and 0.5 part
    perfume.
    1309-37-1, biological studies 1317-61-9, biological
    studies 1318-94-1 13463-67-7, biological studies
    14807-96-6, biological studies 51274-00-1
    57455-37-5
    RL: BIOL (Biological study)
        (aluminum stearoylglutamate-coated, cosmetic makeups
       contg.)
L163 ANSWER 83 OF 85 HCAPLUS COPYRIGHT 2001 ACS
    1983:458742 HCAPLUS
ΑN
DN
    99:58742
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ΤI
    Cosmetics containing N-acylamino acid salts
PA
     Sanko Chemical Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 6 pp.
    CODEN: JKXXAF
DT
     Patent
LA
     Japanese
FAN.CNT 1
                    KIND DATE
                                         APPLICATION NO. DATE
     ______
                                          _____
     JP 58072512 A2 19830430
ΡI
                                          JP 1981-171110 19811026
                     B4
     JP 01050202
                           19891027
     US 4606914
                     Α
                           19860819
                                          US 1982-428811
                                                          19820930
PRAI JP 1981-171110 19811026
    Cosmetics contain the N-acylamino acid salts
    RCONHCH(CO2M)(CH2)2CO2M, RCONMe(CH2)2CO2M or RCONMeCH2CO2M (RCO = capric
     acid, lauric acid, myristic acid, palmitic acid, stearic acid or oleic
     acid residue; M = H, Al, Mg, Ca, Zn, Zr or Ti) or the compd.-
    coated colors. Unlike conventional cosmetics contq.
    metal soaps, these prepns. are nontoxic, stable and effective in
    protecting the skin. Thus, sericite, mica, talc, kaolin,
    TiO2, iron oxide (yellow) and Indian red were mixed and
    suspended in H2O, followed by addn. of N-stearoyl-N-methyl-.beta.-alanine
    Na salt [21539-76-4], 15% ZnSO4 and liq. paraffin. The reaction mixt.
    was centrifuged to give a paste (color). A foundation was
    prepd. contg. the color 10.0, liq. paraffin 3.5, squalane 5.0, stearyl
    alc. 3.0, lanolin 1.0, surfactants 1.5, preservative 0.2, propylene glycol
     5.0, ion-exchanged H2O 40.0 and perfumes 0.8 part.
L163 ANSWER 84 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN
    1980:453795 HCAPLUS
    93:53795
DN
TI
    Oil-containing cosmetic powders
IN
    Nasuno, Toshihiro; Sano, Isao; Nomura, Fuminori; Kumagai, Shoji
PA
    Kanebo, Ltd., Japan
SO
    Jpn. Kokai Tokkyo Koho, 14 pp.
    CODEN: JKXXAF
DT
    Patent
LA
    Japanese
FAN.CNT 1
    PATENT NO.
                   KIND DATE
                                         APPLICATION NO. DATE
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                                                          -----
    JP 55027120 A2 19800227
JP 62003123 B4 19870123
                                         JP 1978-98777
                                                         19780814
PΙ
                     B4 19870123
    JP 62003123
    Cosmetic compns. of oil-contg. powders contained
AB
    powd. silk, powd. wool, and cosmetic base
    powder coated with an oil substance to form a
    powd. emulsion or cake. Thus, a mixt. of stearic acid 3, liq.
    paraffin 6, beeswax 1.5, and lanolin 3 parts was melted at 80.degree., 0.7
    part triethanolamine and 85.1 parts H2O added to make an emulsion, to
    which were added talc [14807-96-6] 83, mica
     [12001-26-2] 10, TiO2 5, powd. silk 5, powd.
    wool 5, and Fe oxide 2 parts, the mixt. stirred to give a
    homogeneous dispersion, 80 parts EtOH added to break the emulsion, the
    lig. removed by filtration, the solid dried at 80-90.degree. and
    pulverized to give a makeup foundation contg. 12.5%
    oil substance and 1.9% emulsifying agent.
IT
    1332-37-2, biological studies 13463-67-7, biological
    studies 14807-96-6, biological studies
    RL: BIOL (Biological study)
        (cosmetic powd. bases contg.)
L163 ANSWER 85 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN . 1978:24330 HCAPLUS
DN . 88:24330
TI / Composite pigment
IN / Horino, Masaaki; Osato, Yasuhar
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PA
     Chemical Industry Co., Ltd., Japan
     Japan. Kokai, 6 pp.
SO
     CODEN: JKXXAF
DT
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     Japanese
FAN.CNT 1
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
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                            19770816
     JP 52097399
                       A2
                                           JP 1976-14309
PΙ
                                                            19760212
     JP 60005623
                          19850213
                      B4
AB
     Oxidized mica and metal oxide(s) are mixed and
     sintered, and optionally coated further with .gtoreq.1 of
     water-insol. and alc.- insol. resins and water-insol. cellulose, to give
     pigments useful for makeup and paint. Thus, powd.
    muscovite [1318-94-1] was treated with 3% HNO3 at 50.degree.
     for 40 min., washed with water, dried, mixed with a 6:4 mixt. of Cr2O3 and
     Fe2O3 in a 65:35 ratio, and sintered at 300.degree. for 10 hs. in a
     reducing atm. to give a pigment with a green glossy color.
     1318-94-1
ΙT
     RL: USES (Uses)
        (composite pigments contg. metal oxides and, for cosmetics
        and paint)
IT
     1309-37-1, uses and miscellaneous
     RL: USES (Uses)
        (composite pigments contg. muscovite and chromic oxide and, for
      cosmetics and paint)
TΤ
     11118-57-3
     RL: USES (Uses)
        (composite pigments contg. muscovite and ferric oxide and, for
      cosmetics and paints)
=> d ide can tot
L165 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS
RN
    10043-11-5 REGISTRY
CN
     Boron nitride (BN) (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
    BN 40SHP
CN
CN
    BN-GP
CN
    BN-MOD
CN
    Borazon
CN
    Boron mononitride
CN
    Boron nitride
CN
    Boronate FS 1
CN
    BZN 550
CN
    Cerac B 1084
CN
     Denka Boron Nitride GP
    Denka Boron Nitride HGP
CN
CN
     Denka Boron Nitride SGP
CN
     Denka Boron Nitride SP 2
    Elbor
CN
CN
    Elbor LO 10B1-100
CN
    Elbor R
CN
    Elbor RM
CN
    Elboron
CN
    FS 1
CN
    FS 1 (nitride)
CN
     Geksanit R
CN
    GP
CN
    HCJ 48
CN . Hexanit R
CN
    Hexanite R
```

High Flow FMX 1

CN

CN HP 1

```
CN
     HP 1 (nitride)
CN
     HP 2
CN
     HP 2 (nitride)
CN
     HP 6
CN
     HP 6 (nitride)
CN
     HP-P 1
CN
     HP-P 1 (nitride)
CN
     HTP-FK
CN
     KBN(h)-SR
CN
     KBN-H 10
CN
     KBN-H-S
CN
     KBN-H-SP
CN
     Kubonit
CN
     Kubonit KR
CN
     Lubien LBN 5026
CN
     MBN 010
     MBN 010T
CN
CN
     MBN 050
     MBN 250
CN
     PolarTherm PT 110
CN
CN
     PolarTherm PT 120
CN
     Polartherm PT 670
CN
     Sandvik CB 50
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
     165390-92-1, 58799-13-6, 56939-87-8, 54824-38-3, 60569-72-4, 69495-08-5,
DR
     78666-05-4
MF
     B N
CI
     COM
                   AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
LC
     STN Files:
       BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
       CHEMLIST, CIN, CSCHEM, DETHERM*, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA,
       MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA,
       USPATFULL, VTB
         (*File contains numerically searchable property data)
                       DSL**, EINECS**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
B_{\text{\tiny N}}
           16015 REFERENCES IN FILE CA (1967 TO DATE)
             123 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           16021 REFERENCES IN FILE CAPLUS (1967 TO DATE)
                3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
REFERENCE
            1:
                134:171976
REFERENCE
                 134:171968
            2:
REFERENCE
             3:
                 134:171094
REFERENCE
             4:
                 134:170981
REFERENCE
             5:
                 134:170784
REFERENCE
                 134:169991
             6:
REFERENCE
             7:
                 134:168671
REFERENCE
             8:
                 134:168101
```

REFERENCE

9:

134:168100

REFERENCE 10: 134:167015

L165 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2001 ACS

RN 1318-94-1 REGISTRY

CN Muscovite (Al2K(Si3Al)[(OH)0.5-1F0-0.5]2010) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Muscovite (8CI)

OTHER NAMES:

CN 300W

CN 80D

CN Astrolit

CN Astrolite

CN Chacaltaite

CN Clarite 300W

CN Clarite 30C

CN Clarite 60C CN Cogemika

CN Fluorian muscovite

CN K 325

CN M 200

CN M 200 (mineral)

CN M 400

CN M 400 (mineral)

CN M-RP

CN M-XF

CN MU-N 85

CN Muscovite, fluorian

CN Riburaito RD 100

DR 12413-75-1, 66731-99-5

MF Al.F.HO.K.O3 Si.O

AF Al3 F0-1 H1-2 K O11-12 Si3

CI MNS, COM, TIS

LC STN Files: AGRICOLA, ANABSTR, BIOSIS, CA, CAPLUS, CBNB, CEN, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, USPATFULL

Component		Ratio	Component Registry Number
========	==+===		===+===================================
0	- 1	1	17778-80-2
03Si	1	3	15593-90-5
F		0 - 1	14762-94-8
HO	1	1 - 2	14280-30-9
K	1	1	7440-09-7
Al	- 1	3	7429-90-5

4602 REFERENCES IN FILE CA (1967 TO DATE)

47 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4608 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:167652

REFERENCE 2: 134:165749

REFERENCE 3: 134:150236

REFERENCE 4: 134:148713

REFERENCE 5: 134:134245

REFERENCE 6: 134:103429

REFERENCE 7: 134:102170

REFERENCE 8: 134:88962

```
REFERENCE
            9:
                134:74123
REFERENCE 10:
                134:44684
L165 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2001 ACS
     1317-61-9 REGISTRY
     Iron oxide (Fe3O4) (8CI, 9CI) (CA INDEX NAME)
CN
OTHER NAMES:
CN
     303T
CN
     AX 3000
CN
     B 6
CN
     B 6 (oxide)
     Bayferrox 306
CN
CN
     Bayferrox 316
     Bayferrox 318
CN
     Bayferrox 330
CN
CN
     Bayferrox 8010
     Bayferrox Black 318
CN
CN
     BK 5099
     BL-SP
CN
CN
     BM 611
CN
     Color MAT 220
CN
     E 335
CN
     E 335 (oxide)
CN
     EC 301
CN
     EC 371
CN
     EFV 100/200
     EMG 900
CN
     EPP 2000
CN
     EPT 1002
CN
     EPT 2000
CN
CN
     EPT 5000
     Ethiops iron
CN
CN
     Ferriferrous oxide
CN
     Ferriferrous oxide (Fe3O4)
CN
     Ferrix 8600
CN
     Ferroferric oxide
CN
     Ferrofluid EMG
     Ferrofluid EMG 705
CN
CN
     Ferrofluid EMG 805
CN
     Ferrosoferric oxide
CN
     FW 17134
CN
     FW 1790
CN
     HR 370H
CN
     ICI 35-4
CN
     IO Black 318
CN
     Iron ferrite
     Iron oxide
CN
CN
     Iron oxide black
CN
     KBN 400
CN
     KFH-NA
CN
     Magnetite
CN
     MAT 230
CN
     MAT 305
CN
     MB 22
CN
     MG 1300
CN
     MG 1306
CN
     MG 9300
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
     170277-36-8, 139660-10-9, 73905-81-4, 144856-04-2, 107720-80-9,
DR
     118440-50-9, 208666-79-9, 219674-87-0, 253310-51-9
   , Fe3 O4
MF
CI
     COM, MAN
                  AGRICOLA, AIDSLINE, APILIT, APILIT2, APIPAT, APIPAT2,
     STN Files:
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN,
```

```
CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, TULSA, ULIDAT, USPATFULL (*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)
```

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

10671 REFERENCES IN FILE CA (1967 TO DATE)
596 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
10679 REFERENCES IN FILE CAPLUS (1967 TO DATE)

```
1: 134:170639
REFERENCE
REFERENCE
            2:
                 134:168810
                 134:168744
REFERENCE
            3:
                 134:168382
REFERENCE
             4:
REFERENCE
            5:
                 134:168351
REFERENCE
                 134:168312
            6:
REFERENCE
            7:
                 134:168218
REFERENCE
            8:
                 134:166115
REFERENCE
            9:
                 134:166022
REFERENCE 10:
                 134:165877
```

=> d his

(FILE 'HOME' ENTERED AT 14:34:40 ON 12 MAR 2001) SET COST OFF

```
FILE 'HCAPLUS' ENTERED AT 14:36:39 ON 12 MAR 2001
                 E DREHER J/AU
L1
              11 S E3, E9
L2
               1 S L1 AND COSMETIC#/SC, SX, CW, BI
L3
               0 S L1 AND (MAKEUP OR MAKE UP)
              33 S (COLOR (L) ACCESS)/PA,CS
L4
L5
              31 S L4 AND COSMETIC#/SC, SX, CW, BI
L6
               4 S L4 AND (MAKEUP OR MAKE UP)
L7
               5 S L1, L4 AND FOUNDATION
               7 S L6, L7
L8
               7 S L2, L8
L9
L10
               2 S L4 NOT L5
L11
               1 S L10 NOT MIXER/TI
L12
               8 S L9, L11
              33 S L5, L12
L13
L14
             10 S L13 AND ?PIGMENT?
L15
               6 S L13 AND (TIO2 OR (TI OR TITANIUM)()(OXIDE OR DIOXIDE OR DI OX
L16
             963 S YELLOW () (IRON OR FERR? OR FE) () OXIDE
L17
           1943 S RED () (IRON OR FERR? OR FE) () OXIDE
L18
             108 S BROWN () (IRON OR FERR? OR FE) () OXIDE
L19
             850 S BLACK () (IRON OR FERR? OR FE)()OXIDE
L20
          53360 S (ZN OR ZINC)()OXIDE
             119 S CHROME OXIDE
L21
L22 4
               1 S GREEN CHROME OXIDE
L23
               0 S CHROME HYDRATE
               9 S CHROME (S) HYDRATE
L24.
L25
               0 S CHROME (S) HYDRATE (S) GREEN
```

```
L26
           1088 S ULTRAMARINE
L27
             49 S (MN OR MANGANESE) () VIOLET
L28
              7 S ULTRA MARINE
L29
            788 S (FERR? OR FE OR IRON) () FERROCYANIDE
L30
             12 S (FERR? OR FE OR IRON) () FERRO CYANIDE
L31
             1 S (FERR? OR FE OR IRON) () AMMON? () FERRO CYANIDE
L32
             19 S (FERR? OR FE OR IRON) () AMMON? () FERROCYANIDE
L33
              2 S CARMINE 40
L34
           2357 S PHTHALOCYANINE BLUE
L35
            818 S PHTHALOCYANINE GREEN
L36
             48 S DIARYLIDE YELLOW
L37
              2 S DIARYLIDE ORANGE
L38
             64 S TOLUIDINE RED
L39
              1 S LITHO RED
L40
             62 S NAPHTHOL RED
L41
              5 S NAPHTHOL BROWN
              2 S BROWN NAPHTHOL
L42
L43
            288 S (BI OR BISMUTH) () (OXYCHLORIDE OR OXY CHLORIDE)
          15869 S BORON NITRIDE
L44
          6632 S (BA OR BARIUM) () (SULFATE OR SULPHATE)
L45
L46
          30270 S MICA
                E MICA/CT
                E E3+ALL
                E E2+ALL
          82105 S E3+NT
L47
L48
           4117 S SERICITE
L49
           9758 S MUSCOVITE
L50
            579 S SYNTHETIC (A) MICA
          26205 S TALC
L51
            757 S TALCUM
L52
             40 S LAUROYL LYSINE
L53
L54
             74 S LAUROYLLYSIN?
L55
             41 S TIMIRON
L56
             29 S FLAMENCO
L57
              1 S SICOPEARL
L58
              4 S CHROMAFLAIR
     FILE 'REGISTRY' ENTERED AT 15:12:39 ON 12 MAR 2001
L59
              1 S 7787-59-9
              4 S 10043-11-5 OR 7727-43-7 OR 12174-53-7 OR 1318-94-1
L60
L61
              1 S TALC/CN
L62
             89 S 7664-93-9/CRN AND BA/ELS
             66 S L62 NOT (MNS OR AYS OR CCS)/CI
L63
L64
             10 S L63 AND 2/NC
L65
              6 S L64 NOT IDS/CI
              4 S L65 NOT (133BA OR 139BA)
L66
              E ALUMINUM/CN
L67
              1 S E3
                E LAUROYL LYSINE/CN
                E LAUROYLLYSINE/CN
L68
              1 S 14807-96-6
L69
              1 S 38079-57-1
                E D-LYSINE, N2, N2-DIMETHYL-N6-(1-OXODODECYL)-/CN
                E C20H40N2O3/MF
L70
             10 S E3 AND LYSINE
L71
              7 S L70 NOT ESTER
L72
             15 S L60, L61, L66, L68, L69, L71
     FILE 'HCAPLUS' ENTERED AT 15:22:38 ON 12 MAR 2001
     FILE 'HCAPLUS' ENTERED AT 15:22:48 ON 12 MAR 2001
         133528 S L72 OR L43-L54
L73
     FILE 'REGISTRY' ENTERED AT 15:23:02 ON 12 MAR 2001
L74
              6 S 244292-39-5 OR 244292-90-8 OR 262607-53-4 OR 265333-08-2 OR 2
L75
              5 S L74 NOT SQL/FA
```

```
E CHROMAFLAIR
L76
              6 S E3, L75
                E TIMIRON
L77
              1 S 126776-85-0
L78
             21 S E3
              4 S 219484-67-0 OR 227015-73-8 OR 227015-74-9 OR 227015-80-7
L79
                E FLAMENCO
             23 S E3
L80
             21 S L80 NOT (O2TI OR C16H8CL2FN5O)
L81
              2 S L80 NOT L81
L82
     FILE 'HCAPLUS' ENTERED AT 15:27:47 ON 12 MAR 2001
L83
             71 S L75-L79, L81, L55-L58
     FILE 'REGISTRY' ENTERED AT 15:28:51 ON 12 MAR 2001
L84
              1 S 13463-67-7
     FILE 'HCAPLUS' ENTERED AT 15:29:15 ON 12 MAR 2001
L85
         156094 S L84 OR TIO2 OR (TI OR TITANIUM)()(DIOXIDE OR DI OXIDE OR OXID
     FILE 'REGISTRY' ENTERED AT 15:29:47 ON 12 MAR 2001
L86
              6 S 147-14-8 OR 1328-53-6 OR 5102-83-0 OR 3520-72-7 OR 2425-85-6
L87
              1 S 52830-64-5
L88
              4 S IRON OXIDE/CN
              4 S 51274-00-1 OR 1309-37-1 OR 52357-70-7 OR 12227-89-3
L89
L90
              1 S 1314-13-2
L91
              1 S 11118-57-3
L92
              2 S 1308-38-9 OR 8011-97-0
                E CHROMIUM OXIDE/CN
L93
              3 S E3
                E CHROMIUM OXIDE (GREEN)/CN
              2 S E14, E15
L94
                E CHROME HYDRATE/CN
L95
              2 S 57455-37-5 OR 12769-96-9
                E ULTRAMARINE
             21 S E3
L96
              1 S 10101-66-3
L97
                E MANGANESE VIOLET/CN
L98
              3 S 13408-63-4 OR 14038-43-8 OR 25869-00-5
     FILE 'HCAPLUS' ENTERED AT 15:40:19 ON 12 MAR 2001
L99
         203047 S L84, L88-L98
         216539 S L16-L32, L99
L100
L101
             36 S L83 AND L100
L102
         217156 S L100 OR ?METAL? (L) OXIDE (L) ?PIGMENT
                E METAL OXIDE/CT
                 E E5+ALL
         224230 S E2 OR L102
L103
L104
             36 S L83 AND L103
L105
             36 S L101, L104
             15 S L105 AND ?POWD?
L106
L107
             31 S L105 AND L73
L108
             31 S L105 AND L43-L54, L73
L109
             31 S L107, L108
             31 S L106, L109
L110
L111
              9 S L110 AND (MAKEUP OR MAKE UP OR FOUNDATION)
              1 S L33 AND 62/SC, SX
L112
L113
             32 S L110, L112
             25 S L113 AND COSMETIC#/SC, SX, CW, BI
L114
              7 S L113 NOT L114
L115
L116
             19 S L114 NOT HAIR
              6 S L114 NOT L116
L117
              1 S L117 AND SUNSCREEN
L118
             20 S L116, L118
L119
L120
              9 S L13 AND L103
```

L121

0 S L14, L15 AND L119

```
14 S L14, L15, L120, L2
T.122
L123
             34 S L119, L122
             20 S L123 AND (TIO2 OR (TI OR TITANIUM) () (DIOXIDE OR DI OXIDE OR O
L124
            6 S L123 AND INTERFERENCE
L125
             34 S L123-L125
L126
             3 S L126 NOT 62/SC
L127
             2 S L127 NOT SILOXANES/TI
L128
             1 S L127 NOT L128
L129
             33 S L126 NOT L129
L130
                SEL HIT RN
    FILE 'REGISTRY' ENTERED AT 16:02:58 ON 12 MAR 2001
L131
             46 S E1-E46
             11 S L131 NOT UNSPECIFIED
L132
L133
             1 S L132 AND PALYGORSKITE
L134
             45 S L131 NOT L133
    FILE 'HCAPLUS' ENTERED AT 16:05:06 ON 12 MAR 2001
             25 S L134 AND L130
L135
L136
             8 S L130 NOT L135
L137
             1 S L136 AND (BI OXYCHLORIDE AND ULTRAMARINE AND AL AND LAKE AND
             26 S L135, L137
L138
L139
              7 S L130 NOT L138
     FILE 'HCAPLUS' ENTERED AT 16:07:56 ON 12 MAR 2001
                SEL HIT RN L138
    FILE 'REGISTRY' ENTERED AT 16:09:34 ON 12 MAR 2001
L140
             46 S E47-E92
     FILE 'HCAPLUS' ENTERED AT 16:10:38 ON 12 MAR 2001
           596 S INTERFERENCE (L) ?PIGMENT?
L141
           1705 S L141 OR TIMIRON OR FLAMENCO OR SICOPEARL OR CHROMAFLAIR OR MI
L142
L143
           1708 S L83, L142
           880 S L143 AND L100
L144
                S L143 AND (TIO2 OR (TI OR TITANIUM) (W) (DIOXIDE OR OXIDE OR DI
    FILE 'REGISTRY' ENTERED AT 16:13:57 ON 12 MAR 2001
              1 S 13463-67-7/RN
L145
     FILE 'HCAPLUS' ENTERED AT 16:13:57 ON 12 MAR 2001
L146
          90658 S L145
L147
            852 S L143 AND (TIO2 OR (TI OR TITANIUM) (W) (DIOXIDE OR OXIDE OR DI
            743 S L147 AND L100
L148
L149
            989 S L147, L148, L144
L150
            267 S L149 AND COSMETIC#/SC, SX, CW, BI
L151 .
            126 S L150 AND (MAKEUP OR MAKE UP OR FOUNDATION)
L152
            116 S L151 NOT L138, L139
L153
            113 S L152 AND 62/SC
L154
            113 S L152 AND COSMETIC#/CW
L155
            116 S L153, L154
             97 S L155 AND L72, L99
L156
             76 S L156 AND ?POWD?
L157
L158
             97 S L156 AND MICA
             97 S L156-L158
L159
             19 S L155 NOT L159
L160
            116 S L159, L160 AND (MICA OR ?POWD? OR TITANTIUM)
L161
             31 S L161 AND (SILOXAN? OR POLYSILOXAN?)/CW
L162
L163
             85 S L161 NOT L162
                SEL HIT RN
     FILE 'REGISTRY' ENTERED AT 16:27:40 ON 12 MAR 2001
L164
        15 S E93-E107
L165
             3 S L164 NOT L140
```